

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone ID                     | Warning: Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806                                                                                                                                                                                                                                                                                                                                                                                |
| Target                       | BTN3A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms                     | BTF3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Host Species                 | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description                  | Anti-BTN3A3 antibody(3E7), Rabbit mAb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Uniprot ID                   | O00478                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| IgG type                     | Rabbit mAb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                    | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity                   | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applications                 | Flow Cyt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions        | Flow Cyt 1/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purification                 | Purified from cell culture supernatant by affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage & Shipping           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                                                                                                                                                                                                      |
| Background                   | The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1; MIM 613590) and BTN3 (e.g., BNT3A3) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010 [PubMed 20208008]).(supplied by OMIM, Nov 2010) |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

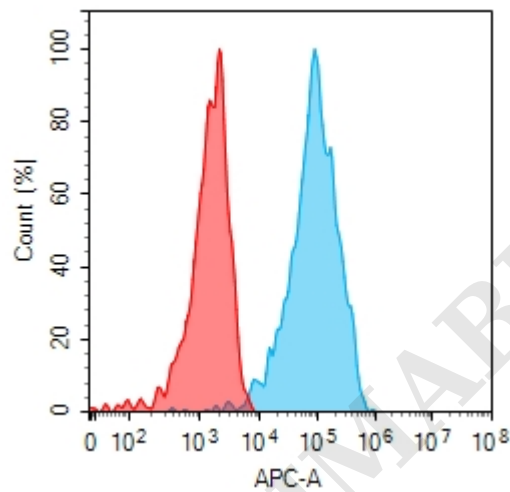


Figure 1. Flow cytometry analysis with 1µg/mL Anti-BTN3A3 (3E7) mAb on HEK293 cells transfected with human BTN3A3 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

