

## **PRODUCT INFORMATION**

Warning: Undefined variable ShasAttributeValueDescription in C:\u00e4wroot\u00fcmirror.dimablo.com\u00e4wp-content\plugins\u00e4woocommerce-print-products\u00e4public\u00e7class-woocommerce-print-products-public.php on line 2806
bM167 Clone ID

ARCC2; CTPA; CTPP1; CTRCT6; ECK Synonyme

Host Species Rabbit

Anti-EPHA2 antibody(DM167); Rabbit mAb Description In Stock

Delivery Uniprot ID P29317 lgG type Rabbit IgG Clonality Monoclonal Reactivity Human ELISA; Flow Cyt; WB Application

Recommend Dilutions ELISA 1:5000-10000; Flow Cyt 1:100; WB 1:1000

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

specific instructions of reconstitution.

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.

This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events; particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are dividen to 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.

Research use only Background

Usage Coniugate

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement. DIMA Disclaime

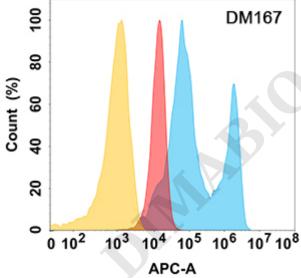


Figure 1. EPHA2 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with Anti-EPHA2 (DM167) on HEK293 cells transfected with human EPHA2 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram).

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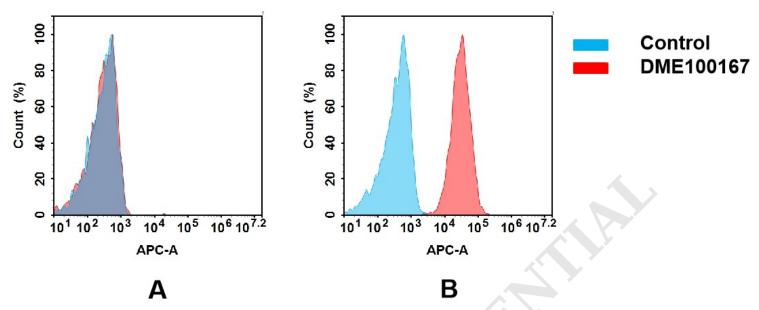


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human EPHA2 mAb(DME100167).

(A) DME100167 does not bind to Jurkat cells that do not express EPHA2. (B) A clear peak shift of DME100167 was seen compared to the control when incubated with EPHA2-expressing Hela cells, indicating strong binding of DME100167 to EPHA2. Antibodies were incubated at 5  $\mu$ g/mL.



Figure 3.Anti-EPHA2 antibody (SKU# DME100167) at 1/1000 dilution

Lane: Hela, whole cell lysate

Secondary: Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution

Predicted band size: 108 kDa Observed band size: 110 kDa

