

PRODUCT INFORMATION

Warning . Undefined variable \$hasAttributeValueDescription in Calwawroottmirror.dimablo.com/wp-content\plugins/woocommerce-print-products-public.php on line 2806 bM51. Clone ID

CTLA-4 CTLA4; CD152 Host Species Rabbit

Anti-CTLA-4 antibody(DM51); Rabbit mAb Description Delivery In Stock

Uniprot ID P16410 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human ELISA; Flow Cyt Application

Recommend Dilutions ELISA 1:5000-10000; 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

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 is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain; a transmembrane domain; and a cytoplasmic tail. Alternate transcriptional splice variants; encoding different isoforms; have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond; white soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus; Graves disease; Hashimoto thyroiditis; celiac disease; systemic lupus crythematosus; thyroid-associated orbitopathy; and other autoimmune diseases.

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

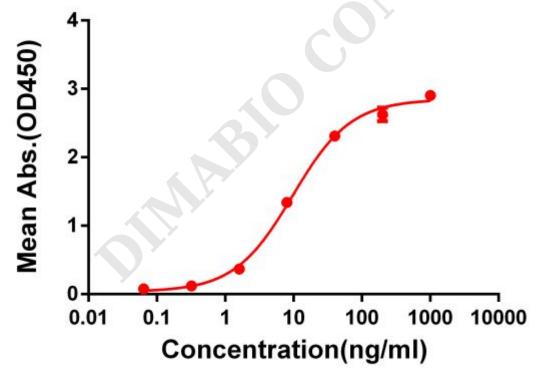


Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human CTLA-4 protein, mFc-His tagged protein (PME100017) can bind Rabbit anti-CTLA-4 monoclonal antibody(clone: DM50) in a linear range of 1-100 ng/ml.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com Website: www.dimabio.com





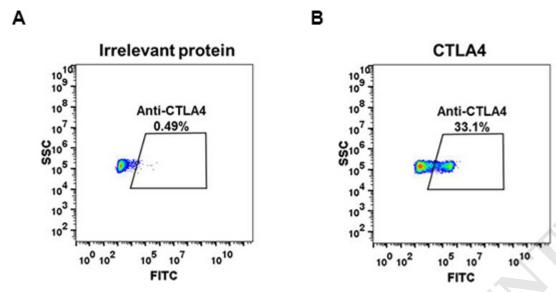


Figure 2. HEK293 cell line transfected with irrelevant protein (A) and human CTLA-4 (B) were surface stained with Rabbit anti-CTLA-4 monoclonal antibody $1\mu g/ml$ (clone: DM50) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

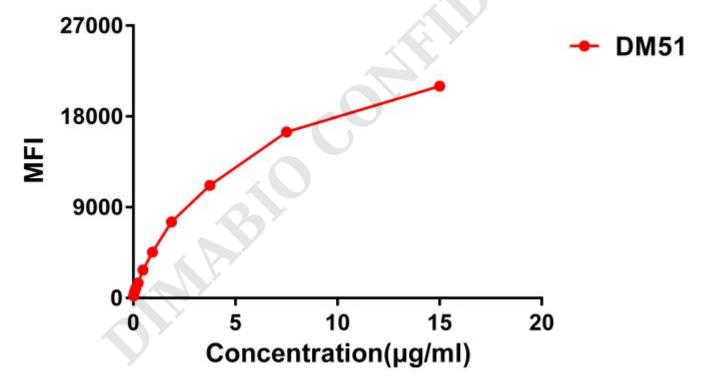


Figure 3. Flow cytometry data of serially titrated Rabbit anti-CTLA-4 monoclonal antibody (clone: DM51) on Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.









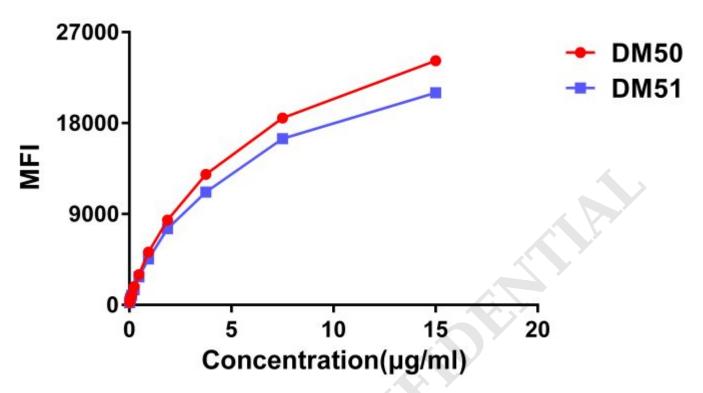


Figure 4. Affinity ranking of different Rabbit anti-CTLA-4 mAb clones by titration of different concentration onto Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

