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## 12-9041: Anti-CTLA-4 antibody(DM51), Rabbit mAb

Clonality: Monoclonal
Clone Name: DM51
Application: ELISA,FACS
Reactivity: Human
Alternative Name: CTLA4 CD1

Alternative Name: CTLA4, CD152 Isotype: Rabbit IgG

Immunogen Information: Recombinant human CTLA4 (Gln36-Ser161) produced by using human HEK293 cells

## **Description**

Leukocyte surface antigen CD47 is also known as Antigenic surface determinant protein OA3, Integrin-associated protein (IAP) and Protein MER6. CD47 contains 1 Ig-like V-type (immunoglobulin-like) domain. CD47 is very broadly distributed on normal adult tissues. CD47 has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins and plays an important role in memory formation and synaptic plasticity in the hippocampus by similarity. CD47 is the receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. CD47 Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation.

## **Product Info**

Amount:  $100 \mu g$ 

**Purification:** Purified from cell culture supernatant by affinity chromatography

Preservative: 0.1% Procline 300

Content: Constituents: 50% Glycerol; PBS,pH 7.4; 0.1% BSA

Not Sterile

**Storage condition:** Store at -20°C for 12 months (Avoid repeated freezing and thawing)

## **Application Note**

Recommended Dilutions ELISA 1/5000-10000; FACS 1/100

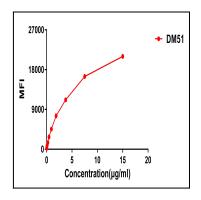


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human CTLA4 protein, mFc-His tagged protein can bind Rabbit anti-CTLA4 monoclonal antibody (clone: DM51) in a linear range of 1-100 ng/ml.