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12-9050: Anti-CD28 antibody(DM63), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM63
Application :	ELISA,FACS
Reactivity :	Human
Alternative Name :	CD28, Tp44
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant human CD28 (Asn19-Pro152) produced by using human HEK293 cells

Description

The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount :	100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Preservative: 0.1% Procline 300 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

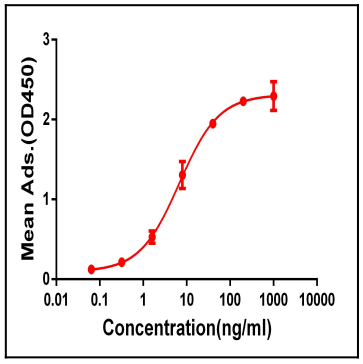

Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD28 protein, mFc-His tagged protein can bind Rabbit anti-CD28 monoclonal antibody (clone: DM63) in a linear range of 1-100 ng/ml.

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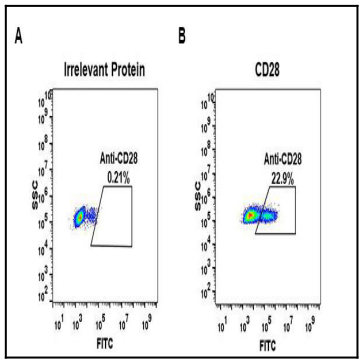

Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human CD28 (B) were surface stained with Rabbit anti-CD28 monoclonal antibody 1µg/ml (clone: DM63) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

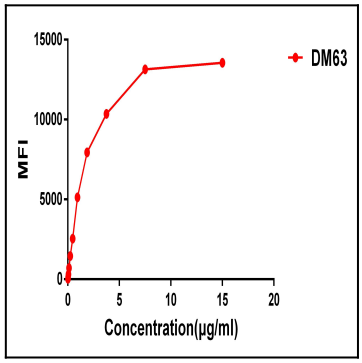

Figure 3. FACS data of serially titrated Rabbit anti-CD28 monoclonal antibody (clone: DM63) on Jurkat cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

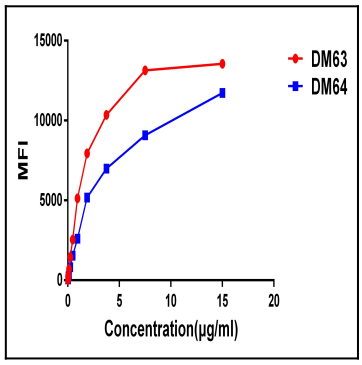

Figure 4. Affinity ranking of different Rabbit anti- CD28 mAb clones by titration of different concentration onto Jurkat cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.