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12-9034: Anti-CD48 antibody(DM44), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM44
Application :	ELISA,FACS
Reactivity :	Human
Alternative Name :	CD48, BCM1, SLAMF2, BLAST, BLAST1, MEM-102, TCT.1, BCM-1, SLAMF-2, BLAST-1
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant human CD48 (Gln27-Set220) produced by using human HEK293 cells

Description

This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple 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

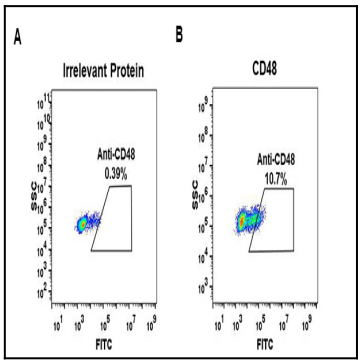


Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD48 (right) were surface stained with Rabbit anti-CD48 monoclonal antibody 1µg/ml (clone: DM44) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

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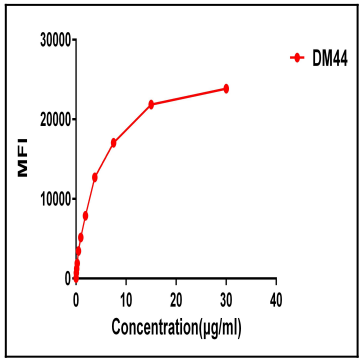


Figure 2. FACS data of serially titrated Rabbit anti-CD48 monoclonal antibody (clone: DM44) on H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

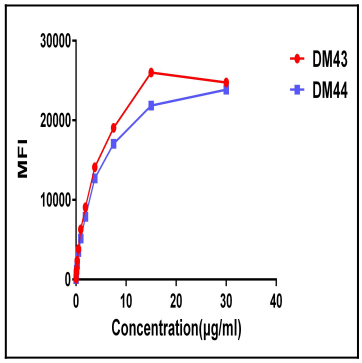


Figure 3. Affinity ranking of different Rabbit anti-CD48 mAb clones by titration of different concentration onto H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

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