

## CD48 (DM43) RABBIT MAB

**Cat.#:** 28332

**Product Name:** Anti-CD48(DM43) Rabbit Monoclonal Antibody

**Synonyms:** CD48; BCM1; SLAMF2; BLAST; BLAST1; MEM-102; TCT.1; BCM-1; SLAMF-2; BLAST-1

**Description:** Anti-CD48 antibody(DM43) Rabbit Monoclonal Antibody

**Background:** 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.

**Applications:** ELISA; Flow Cyt

**Recommended Dilutions:** ELISA 1:5000-10000; Flow Cyt 1:100

**Host Species:** Rabbit

**Isotype:** Rabbit IgG

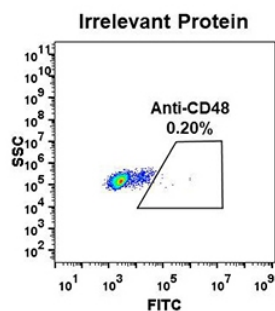
**Purification:** Purified from cell culture supernatant by affinity chromatography

**Species Reactivity:** Human CD48

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** 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).

A



B

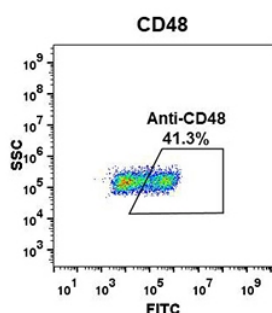


Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD48 (right) were surface stained with Rabbit anti-CD48 monoclonal antibody 1 $\mu$ g/ml (clone: DM43) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

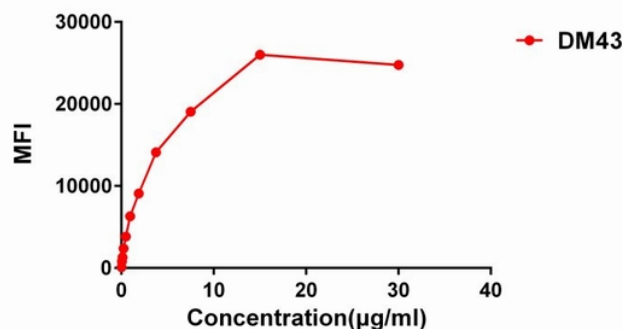


Figure 2. Flow cytometry data of serially titrated Rabbit anti-CD48 monoclonal antibody (clone: DM43) on H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

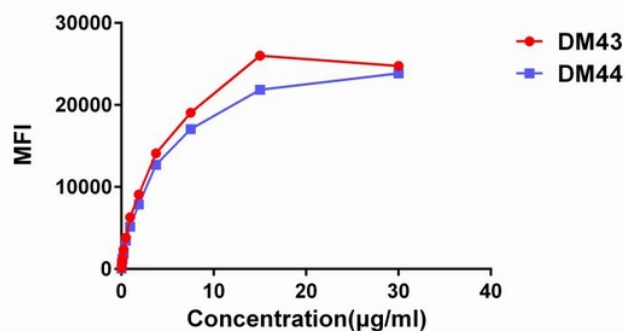


Figure 3. Affinity ranking of different Rabbit anti-CD48 mAb clones by titration of different concentration onto H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.