

## Rabbit anti-Human 2B4 Monoclonal Antibody | anti-2B4 antibody

Anti-2B4 antibody (DM70), Rabbit mAb

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                            |
|-----------|--------|------------|-----------------------------------------|
| AAA47302  | Rabbit | Human      | Flow Cytometry, Functional Assay, ELISA |

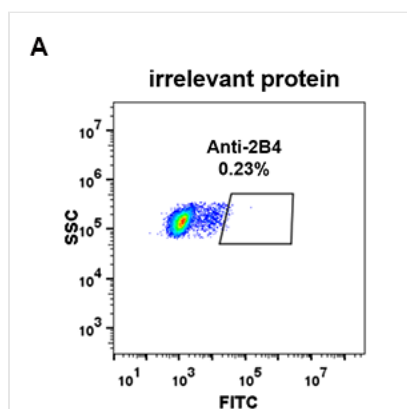
### PRODUCT SYNONYMS

2B4; Monoclonal Antibody; Anti-2B4 antibody (DM70); Rabbit mAb; CD244; SLAMF4; NKR2B4; NAIL; h2B4; anti-2B4 antibody

### PRODUCT SPECIFICATIONS

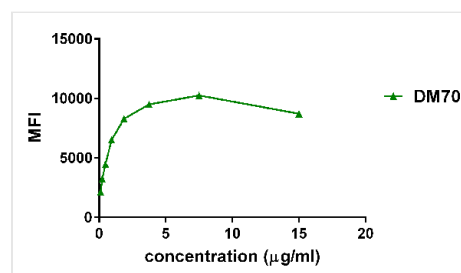
|                                               |                                                                           |
|-----------------------------------------------|---------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                    |
| Reactivity                                    | Human                                                                     |
| Clonality                                     | Monoclonal                                                                |
| Isotype                                       | Rabbit IgG                                                                |
| Clone Number                                  | DM70                                                                      |
| Purity/Purification                           | Purified from cell culture supernatant by affinity chromatography         |
| Form/Format                                   | Liquid. 50% Glycerol; PBS, pH7.4; 0.1% BSA; 0.1% Procline 300             |
| Applicable Applications for anti-2B4 antibody | FCM/FACS (Flow Cytometry), ELISA                                          |
| Immunogen                                     | Recombinant human 2B4 (Cys22-Ala221) produced by using human HEK293 cells |
| Reconstitution                                | Reconstitute with deionized water                                         |
| Preparation and Storage                       | Store at -20 degree C for 12 months (Avoid repeated freezing and thawing) |

### IMAGES



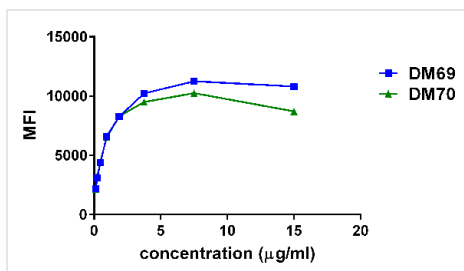
#### FCM/FACS (Flow Cytometry)

Figure 4. Affinity ranking of different Rabbit anti-2B4 mAb clones by titration of different concentration onto THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



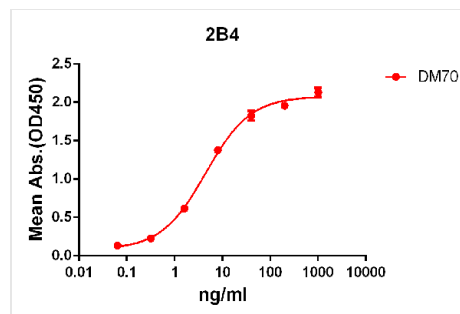
#### FCM/FACS (Flow Cytometry)

Figure 4. Affinity ranking of different Rabbit anti-2B4 mAb clones by titration of different concentration onto THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



#### FCM/FACS (Flow Cytometry)

Figure 4. Affinity ranking of different Rabbit anti-2B4 mAb clones by titration of different concentration onto THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



#### ELISA

Figure 4. Affinity ranking of different Rabbit anti-2B4 mAb clones by titration of different concentration onto THP-1 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

## ADDITIONAL INFORMATION

### Related Product Information for anti-2B4 antibody

This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 47605541                                                                                                                                                                                                                    |
| NCBI GeneID                      | 51744                                                                                                                                                                                                                       |
| UniProt Accession #              | Q9BZW8; Q5VYI2; Q5VYI6; Q5VYI7; Q96T47; Q9NQD2; Q9NQD3; Q9Y288                                                                                                                                                              |
| Molecular Weight                 | 370                                                                                                                                                                                                                         |
| NCBI Official Full Name          | Natural killer cell receptor 2B4                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | CD244 molecule, natural killer cell receptor 2B4                                                                                                                                                                            |
| NCBI Official Symbol             | CD244                                                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | 2B4; NAIL; Nmrk; NKR2B4; SLAMF4                                                                                                                                                                                             |
| NCBI Protein Information         | natural killer cell receptor 2B4; h2B4; SLAM family member 4; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; NK cell activation inducing ligand NAIL; signaling lymphocytic activation molecule 4 |
| UniProt Protein Name             | Natural killer cell receptor 2B4                                                                                                                                                                                            |
| UniProt Gene Name                | <b>CD244</b>                                                                                                                                                                                                                |
| UniProt Synonym Gene Names       | 2B4; NAIL; NKR2B4; h2B4; SLAMF4                                                                                                                                                                                             |
| UniProt Entry Name               | CD244_HUMAN                                                                                                                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/2b4-antibody-clone-dm70-flow-cytometry-elisa/47302>