

## Rabbit anti-Human B7-2 Monoclonal Antibody | anti-B7-2 antibody

Anti-B7-2 antibody (DM84), Rabbit mAb

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                            |
|-----------|--------|------------|-----------------------------------------|
| AAA47316  | Rabbit | Human      | Flow Cytometry, Functional Assay, ELISA |

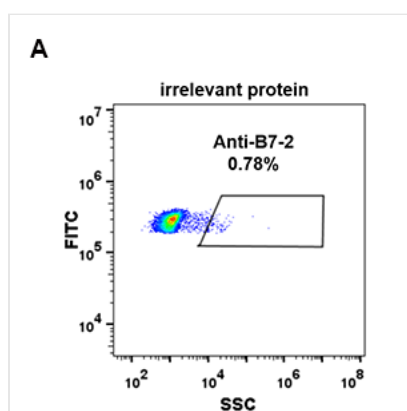
### PRODUCT SYNONYMS

B7-2; Monoclonal Antibody; Anti-B7-2 antibody (DM84); Rabbit mAb; CD86; B70; CD28LG2; LAB72; MGC34413; anti-B7-2 antibody

### PRODUCT SPECIFICATIONS

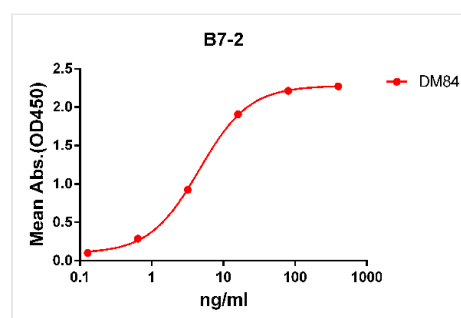
|                                                |                                                                            |
|------------------------------------------------|----------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                     |
| Reactivity                                     | Human                                                                      |
| Clonality                                      | Monoclonal                                                                 |
| Isotype                                        | Rabbit IgG                                                                 |
| Clone Number                                   | DM84                                                                       |
| 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-B7-2 antibody | FCM/FACS (Flow Cytometry), ELISA                                           |
| Immunogen                                      | Recombinant human B7-2 (Leu26-Pro247) 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 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human B7-2 protein, mFc-His tagged protein PME100034 can bind Rabbit anti-B7-2 monoclonal antibody (clone: DM84) in a linear range of 1-100 ng/ml.



#### ELISA

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human B7-2 protein, mFc-His tagged protein PME100034 can bind Rabbit anti-B7-2 monoclonal antibody (clone: DM84) in a linear range of 1-100 ng/ml.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-B7-2 antibody | This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms. |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 317373339                                                                                                                                                                 |
| NCBI GeneID                      | 942                                                                                                                                                                       |
| UniProt Accession #              | P42081; Q13655; Q6FHB1; Q6GTS4; Q7M4L5; A0N0P0; B7Z2F3; B7Z702; E7ETN5; E9PC27                                                                                            |
| Molecular Weight                 | 329                                                                                                                                                                       |
| NCBI Official Full Name          | T-lymphocyte activation antigen CD86                                                                                                                                      |
| NCBI Official Synonym Full Names | CD86 molecule                                                                                                                                                             |
| NCBI Official Symbol             | CD86                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | B70; B7-2; B7.2; LAB72; CD28LG2                                                                                                                                           |
| NCBI Protein Information         | T-lymphocyte activation antigen CD86; BU63; FUN-1; CTLA-4 counter-receptor B7.2; B-lymphocyte activation antigen B7-2; CD86 antigen (CD28 antigen ligand 2, B7-2 antigen) |
| UniProt Protein Name             | T-lymphocyte activation antigen CD86                                                                                                                                      |
| UniProt Gene Name                | CD86                                                                                                                                                                      |
| UniProt Synonym Gene Names       | CD28LG2                                                                                                                                                                   |
| UniProt Entry Name               | CD86_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://stage.aaabiotech.com/monoclonal/b7-2-antibody-clone-dm84-flow-cytometry-elisa/47316>