

## Rabbit anti-Mouse, Human CD86 Polyclonal Antibody | anti-CD86 antibody

Anti-CD86 Antibody IHC-plus

|                               |                       |                                   |                                                                               |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA162191</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Mouse, Human</b> | APPLICATIONS<br><b>Western Blot, Immunofluorescence, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------------------------------------------------|

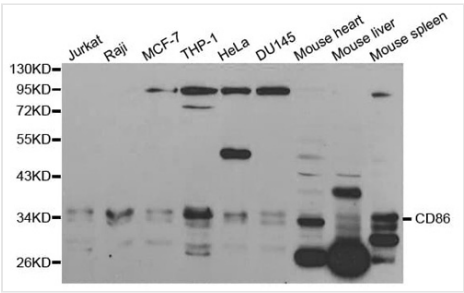
### PRODUCT SYNONYMS

CD86; Polyclonal Antibody; Anti-CD86 Antibody IHC-plus; Rabbit Polyclonal (IgG) to Human CD86; Human CD86; Activation B7-2 antigen; B7-2; B7.2; B70; CD86 molecule; CTLA-4 counter-receptor B7.2; CD86 antigen; FUN-1; LAB72; BU63; CD28LG2; Ctlα-4 counter-receptors b7.2; anti-CD86 antibody

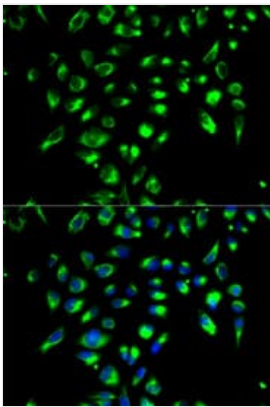
### PRODUCT SPECIFICATIONS

|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Mouse, Human                                                                     |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Specificity                                    | Human CD86                                                                       |
| Purity/Purification                            | Affinity purified                                                                |
| Form/Format                                    | PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.                                   |
| Concentration                                  | 1 mg/ml (varies by lot)                                                          |
| Sequence Length                                | 323                                                                              |
| Applicable Applications for anti-CD86 antibody | WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)           |
| Immunogen                                      | CD86 antibody was raised against recombinant human CD86.                         |
| Immunogen Description                          | Recombinant human CD86.                                                          |
| Immunogen Type                                 | Recombinant protein                                                              |
| Target Species                                 | Human                                                                            |
| Preparation and Storage                        | Long term: -80 degree C<br>Short term: -20 degree C<br>Avoid freeze-thaw cycles. |

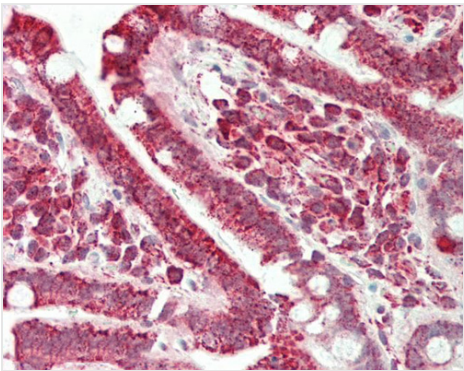
IMAGES



**WB (Western Blot)**  
Western blot analysis of extracts of various cell lines, using CD86 antibody.



**IF (Immunofluorescence)**  
Immunofluorescence analysis of MCF-7 cell using CD86 antibody. Blue: DAPI for nuclear staining.



**IHC (Immunohistochemistry)**  
Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD86 antibody | CD86 Antibody, Activation B7-2 antigen Antibody, B7-2 Antibody, B7.2 Antibody, B70 Antibody, CD86 molecule Antibody, CTLA-4 counter-receptor B7.2 Antibody, CD86 antigen Antibody, FUN-1 Antibody, LAB72 Antibody, BU63 Antibody, CD28LG2 Antibody, Ctl-4 counter-receptors b7.2 Antibody Description: CD86 is a type I membrane protein that is a member of the immunoglobulin superfamily. It 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. |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 332634929                                                                      |
| NCBI GeneID                      | 942                                                                            |
| NCBI Accession #                 | NP_008820.3                                                                    |
| NCBI GenBank Nucleotide #        | NM_006889.4                                                                    |
| UniProt Accession #              | P42081; Q13655; Q6FHB1; Q6GTS4; Q7M4L5; A0N0P0; B7Z2F3; B7Z702; E7ETN5; E9PC27 |
| Molecular Weight                 | 28,420 Da                                                                      |
| NCBI Official Full Name          | T-lymphocyte activation antigen CD86 isoform 2                                 |
| 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 |
| UniProt Protein Name          | T-lymphocyte activation antigen CD86 |
| UniProt Gene Name             | <b>CD86</b>                          |
| 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://www.aaabiotech.com/polyclonal/cd86-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/162191>