

## CD86

**Reactivity:**Human Rat

**Tested applications:**WB IHC ICC IF IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100  
IP 1:20 - 1:50 FC 1:20 - 1:50

**Calculated MW:**70 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CD86

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

B70; B7-2; B7.2; LAB72; CD28LG2;

**Catalog #:**A10795

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**942

**Isotype:**IgG

**Swiss Prot:**P42081

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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