Anti-CD86 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P109028

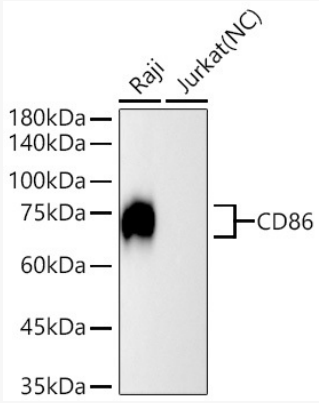
Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:5,000~1:80,000; IF 1:100~1:400
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Peptide sequence around derived from human CD86.
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-CD86 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

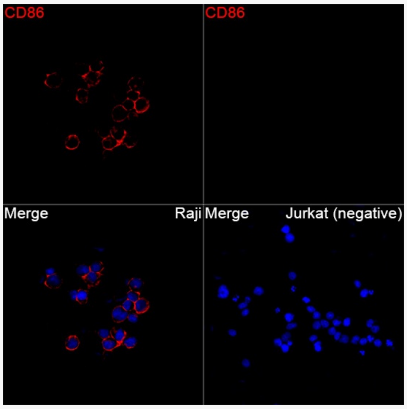
Protein Information

Synonyms	B70; B7-2; B7.2; LAB72; CD28LG2; CD86.
Calculated MW	Calculated MW: 12-38 kDa; Observed MW: 60-85 kDa
Uniprot ID	P42081,P42082
Gene ID	942,12524
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.

Validation Images



Western blot analysis of various lysates using CD86 Rabbit pAb (P109028) at 1:18,000 dilution incubated overnight at 4℃.|Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10000 dilution.|Lysates/proteins: 25 µg per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Kit.|Negative control (NC): Jurkat.|Exposure time: 90 s



Immunofluorescence analysis of Raji cells and Jurkat (negative) cells using CD86 Rabbit pAb (P109028) at a dilution of 1:200 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:500 dilution. Blue: DAPI for nuclear staining