Leader in Biomolecular Solutions for Life Science

CD86 Rabbit pAb

Catalog No.: A2353

10 Publications

www.abclonal.com

Basic Information

Observed MW
60-85 kDa

Calculated MW
38 kDa

Category
Polyclonal Antibodies

Applications
WB, IF-F, IHC-P, ELISA

Cross Reactivity
Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:5000
IF-F	1:100 - 1:200
IHC-P	1:50 - 1:100

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
942

Swiss-Prot
P42081

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
B70; B7-2; B7.2; LAB72; CD28LG2; CD86

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

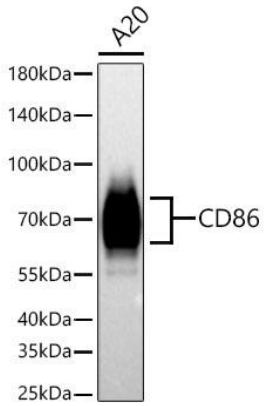
Source
Rabbit

Isotype
IgG

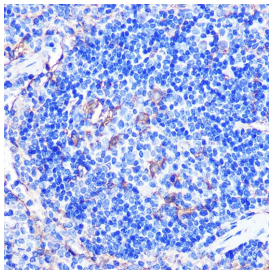
Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from A20 cells using CD86 Rabbit pAb (A2353) at 1: 5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90 s.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using CD86 Rabbit pAb (A2353) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.