

Datasheet for ABIN7266226

anti-CD86 antibody

5 Images

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Overview

Quantity:	100 µL
Target:	CD86
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD86 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Purpose:	CD86 Rabbit pAb
Immunogen:	Recombinant protein of human CD86.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD86
Alternative Name:	CD86 (CD86 Products)
Background:	This gene encodes a type I membrane protein that is a member of the immunoglobulin

Target Details

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.,B7-2,B7.2,B70,CD28LG2,LAB72,CD86,Immunology & Inflammation,CD markers,Stem Cells,Hematopoietic Progenitors,CD86

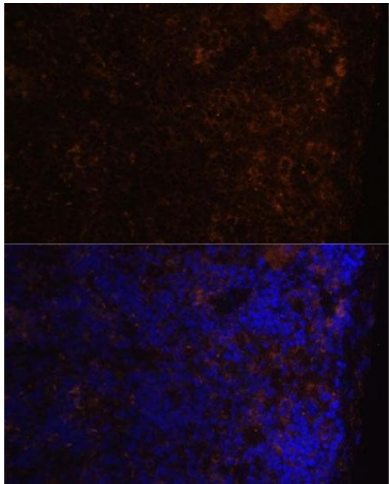
Molecular Weight:	12kDa/24kDa/28kDa/31kDa/37kDa
Gene ID:	942
UniProt:	P42081
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only

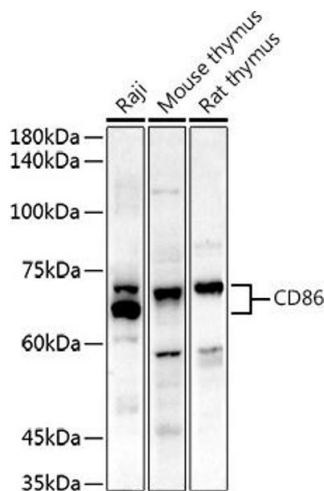
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



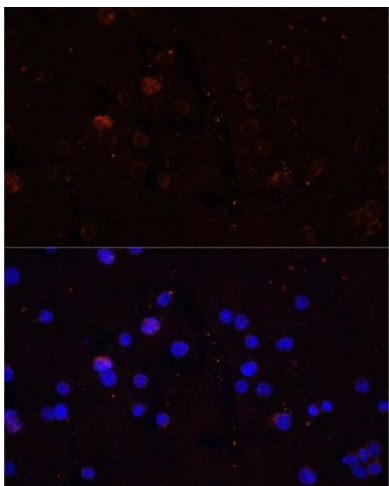
Immunofluorescence

Image 1. Immunofluorescence analysis of mouse spleen using CD86 Polyclonal Antibody (ABIN7266226) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD86 antibody (ABIN7266226) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of THP-1 cells using CD86 Polyclonal Antibody (ABIN7266226) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7266226.