

For Research Use Only

Anti-Rat CD86 (24F)

Catalog Number: 65224-1-Ig **1 Publications**



Basic Information

Catalog Number: 65224-1-Ig	GenBank Accession Number: NM_020081	Purification Method: Affinity purification
Size: 500ug, 0.5 mg/ml	GeneID (NCBI): 56822	CloneNo.: 24F
Source: Mouse	UNIPROT ID: O35531	
Isotype: IgG1, kappa	Full Name: CD86 molecule	
	Calculated MW: 36 kDa	

Applications

Tested Applications:
FC

Cited Applications:
IF, FC

Species Specificity:
rat

Cited Species:
rat

Background Information

CD86 (also known as B7.2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhongqing Wu	39674342	Prostaglandins Other Lipid Mediat	IF,FC

Storage

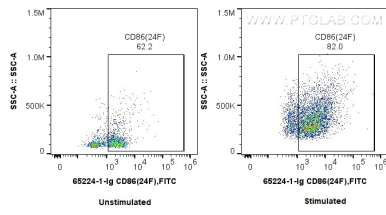
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



1X10⁶ unstimulated or LPS-stimulated Wistar rat splenocytes were surface stained with 0.5 ug Anti-Rat CD86 (65224-1-Ig, Clone:24F) and FITC anti-mouse IgG1 Antibody at dilution 1:100. Cells were not fixed.