

For Research Use Only

# Anti-Rat CD86 (24F)

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



## Basic Information

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

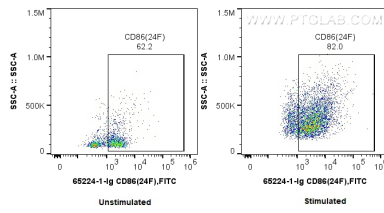
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## Selected Validation Data



1X10<sup>6</sup> 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.