

For Research Use Only

FITC Plus Anti-Rat CD86 (24F)

Catalog Number: FITC-65224



Basic Information

Catalog Number: FITC-65224	GenBank Accession Number: NM_020081	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 56822	CloneNo.: 24F
Source: Mouse	Full Name: CD86 molecule	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG1, kappa	Calculated MW: 36 kDa	

Applications

Tested Applications:
FC

Species Specificity:
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.

Storage

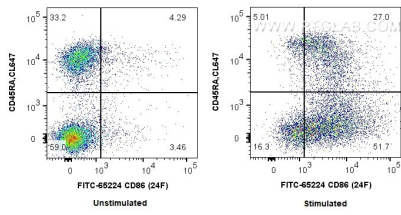
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ unstimulated or LPS-treated (5 ug/mL, 3 days) rat splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Rat CD45RA (OX-33) and 0.5 ug FITC Plus Anti-Rat CD86 (FITC-65224, Clone: 24F). Cells were not fixed.