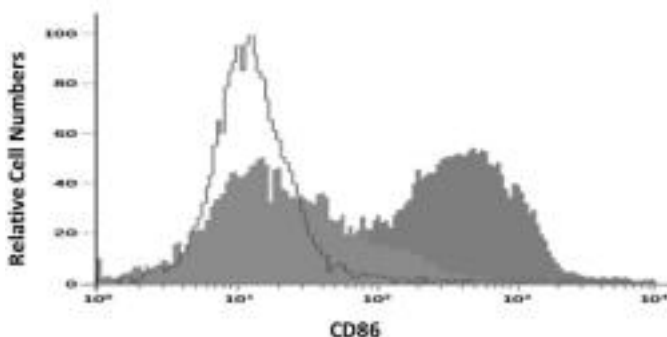


CD86

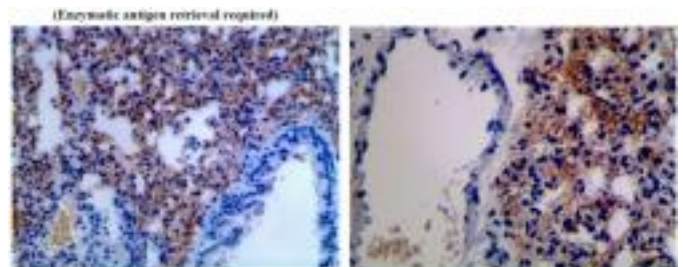
Rat Anti-Mouse CD86 (Clone MAB0803) mAb

Catalog No.	CMC429	Quantity:	100 µg
Alternate Names:	B70, BU63, Cd28L2, CLS1, ETC-1, GR65, LAB72, Ly58, MB7, MB7-2, TS/A-2		
Description:	Rat Anti-Mouse CD86 monoclonal antibody was produced from a mouse myeloma fused with spleen cells from a rat immunized with LPS stimulated mouse B-cells. IgG2 fraction of the culture supernatant was purified by Protein G affinity chromatography. CD86 is an 80 kDa immunoglobulin superfamily member. CD86 is expressed on activated B- and T-cells, macrophages, dendritic cells and astrocytes. CD86 binds to CD28 to transduce co-stimulatory signals for T-cell activation, proliferation, and cytokine production.		
UniProt ID:	P42082		
Gene ID:	12524		
Specificity:	Recognizes mouse CD86		
Immunogen:	LPS stimulated mouse B-cells		
Isotype:	Rat IgG2		
Clone:	MAB0803		
Formulation:	Lyophilized from sterile filtered PBS		
Purification:	Protein G affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 500 µl sterile PBS to the vial to fully solubilize the antibody to a concentration of 200 µg/ml.		
Applications:	Flow Cytometry: suggested dilution 1:100-1:1000 IHC-P : suggested dilution 1:300-1:2000 Immunoprecipitation		
Storage & Stability:	Lyophilized antibody is stable for at least 1 year at -80°C. Reconstituted antibody is stable for at least 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

Detection of CD86 by FC in Mouse Splenocytes, untreated (light gray left) or treated (dark gray right) with LPS, stained with CMC429 (filled) or isotype control (open).



IHC: 4% PFA fixed and paraffin embedded mouse lung tissue (LPS treated)



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