

CD83 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse CD83 Met22-Ala134
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2609988

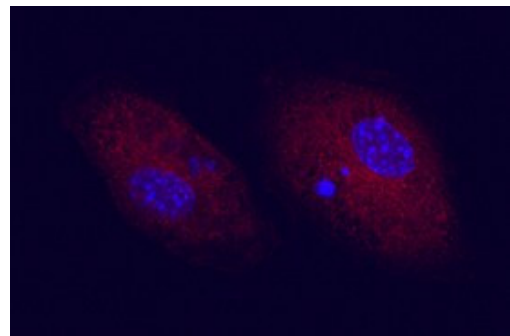
Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunocytochemistry (ICC/IF)	5-15 µg/mL	1 Publication
Flow Cytometry (Flow)	2.5 µg per million cells	-
Neutralization (Neu)	Assay-Dependent	-

Product Specific Information

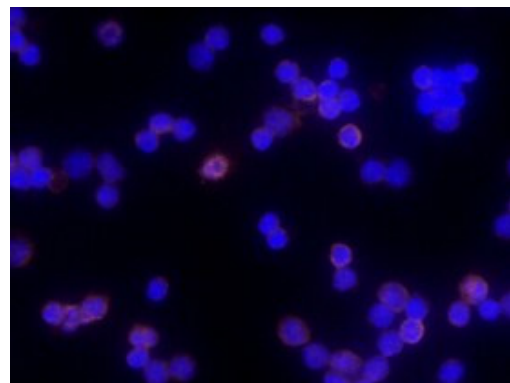
Reconstitute at 0.2 mg/mL in sterile PBS.

Endoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For CD83 Polyclonal Antibody



CD83 Antibody (PA5-47138) in ICC/IF
Immunocytochemistry analysis of CD83 in immersion fixed LPS-stimulated mouse dendritic cells. Samples were incubated in CD83 polyclonal antibody (Product # PA5-47138) using a dilution of 10 µg/mL for 3 hours at room temperature followed by NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red) and counterstained with DAPI (blue).



CD83 Antibody (PA5-47138) in ICC/IF
Immunocytochemistry analysis of CD83 in immersion fixed mouse splenocytes. Samples were incubated in CD83 polyclonal antibody (Product # PA5-47138) using a dilution of 10 µg/mL for 3 hours at room temperature followed by NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red) and counterstained with DAPI (blue).

1 Reference

Immunocytochemistry (1)

Journal of virology	Year 2021
Influenza Virus Neuraminidase Engages CD83 and Promotes Pulmonary Injury.	Species Mouse
"PA5-47138 was used in Immunocytochemistry to provide evidence that influenza A virus infection upregulates CD83, a type I transmembrane glycoprotein, on the cell surface of dendritic cells and macrophages in the lungs of mice."	Dilution 1:100
Authors: Ma N,Li X,Jiang H,Dai Y,Xu G,Zhang Z	

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