

CD16 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 Fc gamma RIII Ala31-Thr215
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_2609614

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	5-15 µg/mL	-
Neutralization (Neu)	Assay-Dependent	1 Publication

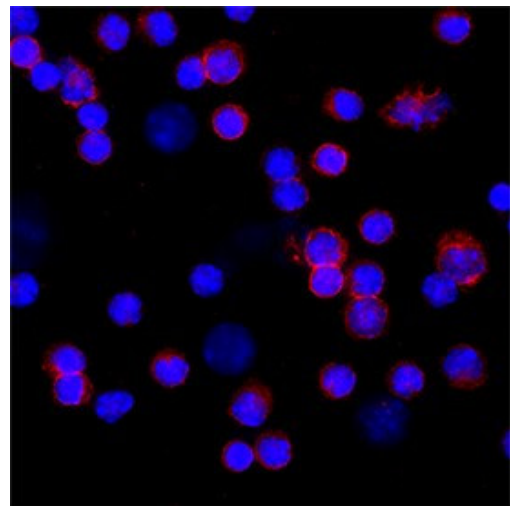
Product Specific Information

In direct ELISAs and Western blots, less than 5% cross-reactivity with recombinant human (rh) Fc gamma RIIB and rhCD32 is observed.

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 CD16 Polyclonal Antibody



CD16 Antibody (PA5-47230) in ICC/IF
Immunocytochemistry analysis of CD16 in immersion fixed mouse splenocytes. Samples were incubated in CD16 polyclonal antibody (Product # PA5-47230) using a dilution of 15 µg/mL for 3 hours at room temperature followed by NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red) and counterstained with DAPI (blue). Specific staining was localized to cell surface.

2 References

Immunohistochemistry (1)

Journal of clinical medicine	Year 2022
DNase-1 Treatment Exerts Protective Effects in Neurogenic Pulmonary Edema via Regulating the Neutrophil Extracellular Traps after Subarachnoid Hemorrhage in Mice.	Species Mouse
"PA5-47230 was used in Immunohistochemistry-immunofluorescence to suggest that DNase-1 has the potential to effectively relieve the NPE after SAH and to be a clinical drug for use after SAH."	
Authors: Wu X,Guo Y,Zeng H,Chen G	

Neutralization (1)

Frontiers in immunology	Year 2020
Fc Receptor IIB Controls Skin Inflammation in an Active Model of Epidermolysis Bullosa Acquisita.	
"Published figure using CD16 polyclonal antibody (Product # PA5-47230) in Neutralization"	
Authors: Kovacs B,Tillmann J,Freund LC,Nimmerjahn F,Sadik CD,Bieber K,Ludwig RJ,Karsten CM,Köhl J	

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