

For Research Use Only

CD16 Monoclonal antibody, PBS Only



Catalog Number: 66779-1-PBS

Basic Information

Catalog Number: 66779-1-PBS	GenBank Accession Number: BC017865	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2214	CloneNo.: 1E12E11
Source: Mouse	ENSEMBL Gene ID: ENSG00000203747	
Isotype: IgG1	UNIPROT ID: P08637	
Immunogen Catalog Number: AG9787	Full Name: Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	
	Calculated MW: 254 aa, 29 kDa	

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
Human

Background Information

CD16 is a 50-70-kDa low affinity Fc receptor found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. CD16 mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis. CD16 has been identified as Fc receptors Fc γ RIIIa (CD16a) and Fc γ RIIIb (CD16b), encoded by two nearly identical genes, FCGR3A and the FCGR3B.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only

For technical support and original validation data for this product please contact:

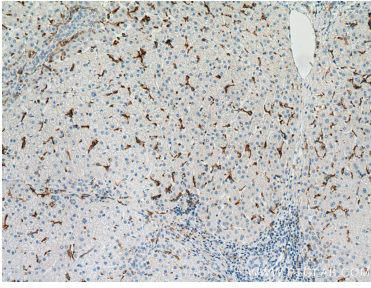
T: 4006900926

E: Proteintech-CN@ptglab.com

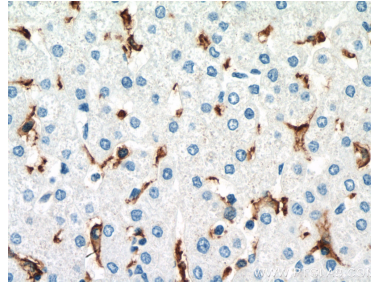
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66779-1-Ig (CD16 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66779-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66779-1-Ig (CD16 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66779-1-PBS in a different storage buffer formulation.