

For Research Use Only

CD16 Recombinant antibody

Catalog Number: 83110-1-RR



Basic Information

Catalog Number: 83110-1-RR	GenBank Accession Number: BC017865	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2214	CloneNo.: 230337G12
Source: Rabbit	ENSEMBL Gene ID: ENSG00000203747	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	UNIPROT ID: P08637	
	Full Name: Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	
	Calculated MW: 254 aa, 29 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human placenta tissue,
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 FcγRIIIa (CD16a) and FcγRIIIb (CD16b), encoded by two nearly identical genes, FCGR3A and FCGR3B.

Storage

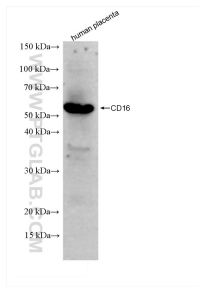
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



human placenta tissue was subjected to SDS PAGE followed by western blot with 83110-1-RR (CD16 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.