

For Research Use Only

CSF2RA/CD116 Polyclonal antibody

Catalog Number: 18307-1-AP



Basic Information

Catalog Number: 18307-1-AP	GenBank Accession Number: BC071835	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 253 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1438	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)	
Isotype: IgG	Calculated MW: 47 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HL-60 cells, THP-1 cells IHC : human placenta tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

CD116, also named as CSF2RA CDw116 CSF2RAX CSF2RAY CSF2RX CSF2RY GM-CSF-R-alpha GMCSFR and GMR, is a low affinity receptor for granulocyte-macrophage colony-stimulating factor. CD116 transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.

Storage

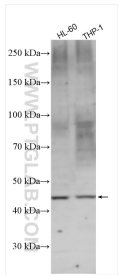
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

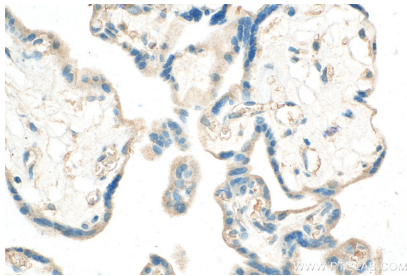
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

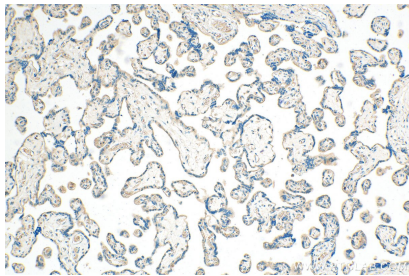
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18307-1-AP (CSF2RA/CD116 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18307-1-AP (CSF2RA/CD116 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18307-1-AP (CSF2RA/CD116 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).