

For Research Use Only

CSF2RA/CD116 Polyclonal antibody

Catalog Number:32058-1-AP



Basic Information

Catalog Number: 32058-1-AP	GenBank Accession Number: NM_009970.2	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 12982	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:200-1:800
Isotype: IgG	UNIPROT ID: Q00941	
Immunogen Catalog Number: EG2016	Full Name: colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte- macrophage)	
	Calculated MW: 42kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
mouse, rat

Positive Controls:

WB: J774A.1 cells, RAW 264.7 cells, rat lung tissue

IHC: mouse lung tissue, mouse spleen tissue

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

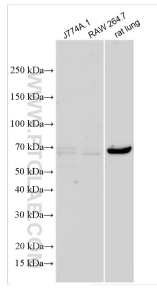
T: 4006900926

E: Proteintech-CN@ptglab.com

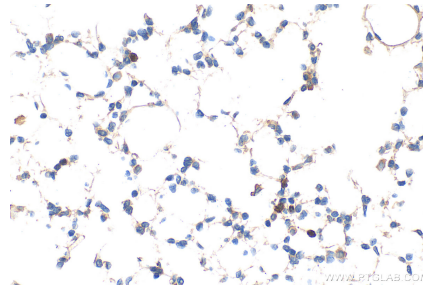
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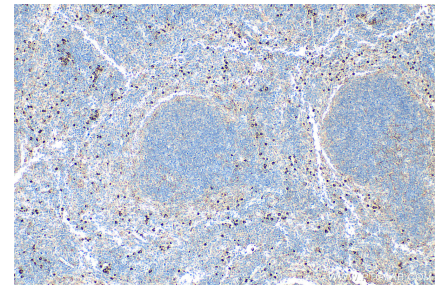
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32058-1-AP (CSF2RA/CD116 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 32058-1-AP (CSF2RA/CD116 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 32058-1-AP (CSF2RA/CD116 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).