

For Research Use Only

# FCGR2A / CD32a Polyclonal antibody

Catalog Number: 27138-1-AP



## Basic Information

<b>Catalog Number:</b> 27138-1-AP	<b>GenBank Accession Number:</b> BC020823	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 650 ug/ml	<b>GeneID (NCBI):</b> 2212	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P12318	
<b>Isotype:</b> IgG	<b>Full Name:</b> Fc fragment of IgG, low affinity IIa, receptor (CD32)	
<b>Immunogen Catalog Number:</b> AG25878	<b>Calculated MW:</b> 35 kDa	
	<b>Observed MW:</b> 40-45 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> U-937 cells, Raji cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human tonsillitis tissue,

## Background Information

IgG Fc receptors (FcγRs) play important roles in immune responses. Low affinity IgG Fc receptor Fc gamma RIla (FCGR2A, CD32a) is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes.

## 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

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

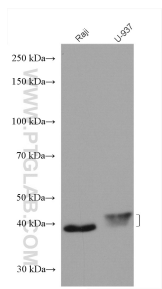
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

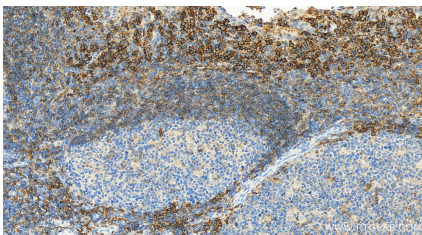
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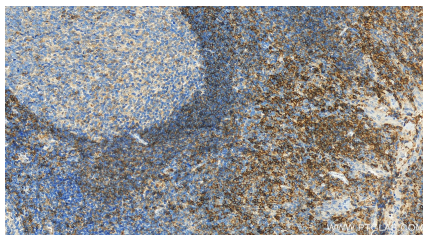
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27138-1-AP (FCGR2A / CD32a antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27138-1-AP (FCGR2A / CD32a antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27138-1-AP (FCGR2A / CD32a antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).