

For Research Use Only

# OSCAR Polyclonal antibody, PBS Only

Catalog Number: 21996-1-PBS



## Basic Information

<b>Catalog Number:</b> 21996-1-PBS	<b>GenBank Accession Number:</b> BC035023	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 126014	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IYS5	
<b>Isotype:</b> IgG	<b>Full Name:</b> osteoclast associated, immunoglobulin-like receptor	
<b>Immunogen Catalog Number:</b> AG17366	<b>Calculated MW:</b> 282 aa, 31 kDa	
	<b>Observed MW:</b> 40 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Osteoclast-associated receptor (OSCAR) is an FcRγ-associated receptor that belongs to the leukocyte receptor cluster (LRC). OSCAR is expressed by myeloid cells and is involved in antigen presentation and activation of human dendritic cells (PMID: 15155468; PMID: 15650060). OSCAR is expressed in osteoclast cells and involved in the differentiation of osteoclasts from peripheral blood mononuclear cells (PBMC). The N-glycosylated form of human OSCAR has a molecular weight of approximately 40-45 kDa, while 30 kDa corresponds to its fully non-glycosylated form (PMID: 15155468; 24902903; 27917924)

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21996-1-AP (OSCAR antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21996-1-PBS in a different storage buffer formulation.