## For Research Use Only

# OSCAR Polyclonal antibody

Catalog Number:21996-1-AP



**Purification Method:** 

WB 1:500-1:1000

Antigen affinity purification

Recommended Dilutions:

**Basic Information** 

Catalog Number:

21996-1-AP

Size:

GenBank Accession Number:

BC035023

GeneID (NCBI):

150ul, Concentration: 400 ug/ml by 126014

**UNIPROT ID:** 

Nanodrop:

Q8IYS5 Full Name:

Rabbit Isotype: IgG

osteoclast associated, immunoglobulin-like receptor

Immunogen Catalog Number: Calculated MW:

AG17366 282 aa, 31 kDa

Observed MW:

40 kDa

**Applications** 

**Tested Applications:** 

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: HL-60 cells, THP-1 cells

#### **Background Information**

Osteoclast-associated receptor (OSCAR) is an FcRy -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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

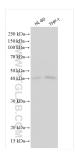
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com W: ptglab.com

# 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.