

For Research Use Only

OSCAR Polyclonal antibody

Catalog Number: 21996-1-AP



Basic Information

Catalog Number:

21996-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17366

GenBank Accession Number:

BC035023

GeneID (NCBI):

126014

UNIPROT ID:

Q8IYS5

Full Name:

osteoclast associated,
immunoglobulin-like receptor

Calculated MW:

282 aa, 31 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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 FcR γ -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

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

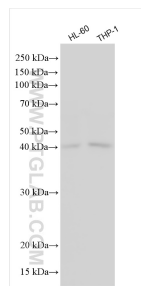
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Selected Validation Data



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.