

For Research Use Only

OSCAR Polyclonal antibody, PBS Only

Catalog Number: 21996-1-PBS



Basic Information

Catalog Number:

21996-1-PBS

Size:

1 mg/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

Applications

Tested Applications:

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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. This data was developed using the same antibody clone with 21996-1-PBS in a different storage buffer formulation.