

For Research Use Only

OSCAR Polyclonal antibody

Catalog Number: 21996-1-AP



Basic Information

Catalog Number: 21996-1-AP	GenBank Accession Number: BC035023	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 126014	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q8IYS5	
Isotype: IgG	Full Name: osteoclast associated, immunoglobulin-like receptor	
Immunogen Catalog Number: AG17366	Calculated MW: 282 aa, 31 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, THP-1 cells
Species Specificity: human	

Background Information

Osteoclast-associated receptor (OSCAR) is an FcγR₂-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

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.