



Rabbit Anti-OSCAR antibody

SL17523R

Product Name:	OSCAR
Chinese Name:	破骨细胞相关受体抗体
Alias:	hOSCAR; hOSCARD2; hOSCARD3; mOSCAR; Oscar; Oscar protein; OSCAR_HUMAN; OSCARS1; OSCARS2; Osteoclast associated immunoglobulin like receptor; Osteoclast associated receptor; Osteoclast-associated immunoglobulin-like receptor; Osteoclast-associated receptor; PIGR-3; PIGR3; Poly Ig receptor 3; Poly-Ig receptor 3; Polymeric immunoglobulin receptor 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	28kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human OSCAR:51-150/282
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Osteoclasts are multinucleated cells that resorb bone and are essential for bone homeostasis. This gene encodes an osteoclast-associated receptor (OSCAR), which is a member of the leukocyte receptor complex protein family that plays critical roles in the

regulation of both innate and adaptive immune responses. The encoded protein may play a role in oxidative stress-mediated atherogenesis as well as monocyte adhesion. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]

Function:

Regulator of osteoclastogenesis which plays an important bone-specific function in osteoclast differentiation.

Subcellular Location:

Secreted and Cell membrane.

Similarity:

Belongs to the leukocyte receptor complex/polymeric immunoglobulin receptor (PIR/LRC) family.

Contains 2 Ig-like (immunoglobulin-like) domains.

SWISS:

Q8IYS5

Gene ID:

126014

Database links:

[Entrez Gene: 126014](#) Human

[Omim: 606862](#) Human

[SwissProt: Q8IYS5](#) Human

[Unigene: 347655](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.