10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OSCAR Rabbit pAb

Catalog # AP98325

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8IYS5
Other Accession	Q8IYS5
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30481
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OSCAR
Epitope Specificity	51-150/282
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the leukocyte receptor complex/polymeric immunogobulin receptor (PIR/LRC) family. Contains 2 Ig-like (immunoglobulin-like) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	126014
Other Names	PIGR3; PIgR-3; OSCAR_HUMAN; OSCAR; Osteoclast-associated receptor; hOSCAR; Polymeric immunoglobulin receptor 3 (PIgR-3 | PIgR3 | Poly-Ig receptor 3); osteoclast associated Ig-like receptor; osteoclast associated, immunoglobulin-like receptor
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	OSCAR
Function	Regulator of osteoclastogenesis which plays an important bone-specific function in osteoclast differentiation.
Cellular Location	[Isoform 1]: Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.