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## OSCAR Rabbit pAb

Catalog Number: bs-17523R

Target Protein: OSCAR

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 28 kDa

Subcellular: Secreted, Cell membrane

Locations:

Entrez Gene: 126014

Swiss Prot: Q8IYS5

Source: KLH conjugated synthetic peptide derived from human OSCAR: 51-150/282.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** 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]

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=3.266] Ma Q et al. Vitamin B5 inhibit RANKL induced osteoclastogenesis and ovariectomy induced osteoporosis by scavenging ROS generation. Am J Transl Res. 2019 Aug 15;11(8):5008-5018. eCollection 2019. WB ; Mouse . 31497217

[IF=3.448] Ma Q et al. Non - coenzyme role of vitamin B1 in RANKL - induced osteoclastogenesis and ovariectomy induced osteoporosis. J Cell Biochem. 2020 Feb 26. WB ; mouse . 32100911