

OSCAR rabbit monoclonal antibody

Catalog # H00126014-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human OSCAR peptide using ARM Technology.
Immunogen	A synthetic peptide of human OSCAR is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human OSCAR peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — OSCAR

Entrez GeneID [126014](#)

GeneBank Accession# [OSCAR](#)

Gene Name OSCAR

Gene Alias MGC33613, PIGR3

Gene Description osteoclast associated, immunoglobulin-like receptor

Omim ID [606862](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 (LRC) protein family that plays critical roles in the regulation of both innate and adaptive immune responses. Different from the other LRC members, OSCAR expression is detected specifically in preosteoclasts or mature osteoclasts. OSCAR may be an important bone-specific regulator of osteoclast differentiation. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000067452|osteoclast associated receptor OSCAR-S1|osteoclast associated receptor OSCAR-S2|osteoclast-associated receptor|polymeric immunoglobulin receptor 3