



20150217ML

Anti-Human OSCAR (#6S6)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M597
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of OSCAR extracellular domain.

Target Background

Synonyms (Target):	OSCAR; PIGR3
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OSCAR is a type I transmembrane protein that belongs to the leukocyte receptor complex (LRC) protein family. It is expressed specifically in preosteoclasts and mature osteoclasts. OSCAR may be an important regulator of osteoclast differentiation.

Database References Target

Protein RefSeq:	NP_996554.1
Uniprot ID:	Q8IY55
mRNA RefSeq:	NM_206818.2

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#6S6)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant human Oscar extracellular domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human OSCAR.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!