

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human OSCAR in direct ELISAs and Western blots. In Western blots, this antibody does not cross-react with recombinant mouse OSCAR.
Source	Monoclonal Mouse IgG _{2B} Clone # 259501
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human OSCAR isoform 2 Asp19-Asn229 (Asn158Ser) Accession # Q8IYS5
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the [Technical Information](#) section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

OSCAR is a type I membrane 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.

PRODUCT SPECIFIC NOTICES

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