OXSR1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	OXSR1, Monoclonal Antibody
Full Product Name	OXSR1 (Oxidative-stress Responsive 1, KIAA1101, OSR1) (MaxLight 490)
Product Gene Name	anti-OXSR1 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1F6
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes human OXSR1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Recombinant protein corresponding to aa351-450 from human OXSR1 with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KAAISQLRSPRVKESISNSELFPTTDPVGTLLQVPEQISAHLPQPAGQIATQPTQVSLPPTAEPAKTAQALSSGSGSQETKIPISLVLRLRNSKKELNDI
Conjugate	MaxLight490
Product Categories/Family for anti-OXSR1 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-OXSR1 antibody	FLISA, Immunofluorescence (IF), Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-OXSR1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-OXSR1 antibody	The product of this gene belongs to the Ser/Thr protein kinase family of proteins. It regulates downstream kinases in response to environmental stress, and may play a role in regulating the actin cytoskeleton.
Other Notes	Small volumes of anti-OXSR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for OXSR1 purchase	MBS6204914 is an antibody targeting OXSR1. Also known as OXSR1 (Oxidative-stress Responsive 1, KIAA1101, OSR1) (MaxLight 490). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OXSR1. It may not necessarily be applicable to this product.

NCBI GI #	14250548
NCBI GeneID	9943
NCBI Accession #	AAH08726.1
UniProt Related Accession #	O95747
NCBI Official Full Name	Oxidative-stress responsive 1
NCBI Official Synonym Full Names	oxidative stress responsive kinase 1
NCBI Official Symbol	OXSR1
NCBI Official Synonym Symbols	OSR1
Protein Family	Serine/threonine-protein kinase
NCBI Protein Information	serine/threonine-protein kinase OSR1
Research Articles on OXSR1	**1.** report the optimisation and expression of isotopically labelled OSR1 C-terminal domain (CTD) in E.coli and a structural model based on the sequence specific NMR assignments giving insights into the structure of apo OSR1 CTD
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