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
Product Synonym Names	Oxidative-Stress Responsive 1; KIAA1101; OSR1
Clonality	Monoclonal
Isotype	IgG3,k
Clone Number	3F6
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes 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	OXSR1 (AAH08726.1, 351aa-450aa) partial recombinant protein 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	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. [provided by RefSeq]
Product References and Citations for anti-OXSR1 antibody	1. Impaired degradation of WNK1 and WNK4 kinases causes PHAII in mutant KLHL3 knock-in mice. Susa K, Sohara E, Rai T, Zeniya M, Mori Y, Mori T, Chiga M, Nomura N, Nishida H, Takahashi D, Isobe K, Inoue Y, Takeishi K, Takeda N, Sasaki S, Uchida SHum Mol Genet. 2014 May 12. pii: ddu217.

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	MBS6207748 is an antibody targeting OXSR1. Also known as OXSR1 (Oxidative-Stress Responsive 1, KIAA1101, OSR1) (MaxLight 490). 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 Accession #	AAH08726.1
NCBI Official Full Name	Oxidative-stress responsive 1
Protein Family	Serine/threonine-protein kinase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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