FOSL2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FOSL2, Monoclonal Antibody
Full Product Name	FOSL2 (Fos-related Antigen 2, FRA-2, FRA2) (MaxLight 490)
Product Gene Name	anti-FOSL2 antibody
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2B4-1C2
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 by Protein A Affinity Chromatography.
Specificity	Recognizes human FOSL2.
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 amo Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the cap.
Molecular Weight	31,095 Da
Immunogen	Full length recombinant corresponding to aa1-122 from human FOSL2 (AAH08899) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSVGLDLPQMLPGSPSPSLKEAFAEDGEAGEGGGRPSLEWRLQQLLPQHPLSLSWLLTSPQGTGPFLPSVVICHLLDQVLSLLHSPVPTPVHSSGPGSK
Conjugate	MaxLight490
Product Categories/Family for anti-FOSL2 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-FOSL2 antibody	FLISA, Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-FOSL2 antibody	IF: 20ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-FOSL2 antibody	MBS6200879 is an antibody targeting FOSL2. Also known as FOSL2 (Fos-related Antigen 2, FRA-2, FRA2) (MaxLight 490). Reactive in Human. Host:
Other Notes	Small volumes of anti-FOSL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FOSL2. It may not necessarily be applicable to this product.

NCBI GI #	33872024
NCBI GeneID	2355
NCBI Accession #	BC008899
NCBI Related Accession #	AAH08899
UniProt Secondary Accession #	Q6FG46; B2RD58; B3KP27; B4DYV4
UniProt Related Accession #	P15408
NCBI Official Full Name	Homo sapiens FOS-like antigen 2, mRNA
NCBI Official Synonym Full Names	FOS like 2, AP-1 transcription factor subunit
NCBI Official Symbol	FOSL2
NCBI Official Synonym Symbols	FRA2
Protein Family	Fos-related antigen
NCBI Protein Information	fos-related antigen 2
NCBI Summary for FOSL2	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. [provided by RefSeq, Jul 2014]
Research Articles on FOSL2	**1.** FOSL2 facilitates TGF-beta1-induced migration by interaction with Smad3 in non-small cell lung cancer.FOSL2 positively regulates TGF-beta1 signalling .
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