FMNL2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FMNL2, Monoclonal Antibody
Full Product Name	FMNL2 (Formin-like Protein 2, Formin Homology 2 Domain-containing Protein 2, FHOD2, FLJ37546, KIAA1902) (MaxLight 490)
Product Gene Name	anti-FMNL2 antibody
Clonality	Monoclonal
Isotype	IgG
Clone Number	2B4
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 FMNL2.
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 are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	124,107 Da
Immunogen	Full length recombinant corresponding to aa1-179 from human FMNL2 (AAH36492) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MDLTKREYTMHDHNTLLKEFILNNEGKLKKLQDDAKIAQDAFDDVVKYFGENPKTTPPSVFFPVFVRFVKAYKQAEEENELRKKQEQALMEKLLEQEALM
Conjugate	MaxLight490
Product Categories/Family for anti-FMNL2 antibody	Antibodies; Actin Related Proteins
Applications Tested/Suitable for anti-FMNL2 antibody	FLISA, Western Blot (WB)
Application Notes for anti-FMNL2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FMNL2 antibody	Formin-like protein 2 is a cytoplasmic phosphoprotein belonging to the formin homology domain containing protein family and has a DAD (diaphanous a domain. The exact function of FMNL2 is yet to be known but reports suggest that it may have a role in the Wnt signaling pathway. Formin-related prote spliced transcript variants have been described but their full-length nature is not yet determined. It is also known to be associated with a diffuse-type ga control, invasion, migration or metastasis through actin filament nucleation and may be regulated by Rho family GTPase.
Other Notes	Small volumes of anti-FMNL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for FMNL2 purchase	MBS6200871 is an antibody targeting FMNL2. Also known as FMNL2 (Formin-like Protein 2, Formin Homology 2 Domain-containing Protein 2, FHOD2

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FMNL2. It may not necessarily be applicable to this product.

NCBI GI #	34193784
NCBI GeneID	114793
NCBI Accession #	BC036492
NCBI Related Accession #	AAH36492
UniProt Secondary Accession #	Q14CC9; Q4ZG52; Q8N3E0; B2RZH5
UniProt Related Accession #	Q96PY5
NCBI Official Full Name	Homo sapiens formin-like 2, mRNA
NCBI Official Synonym Full Names	formin like 2
NCBI Official Symbol	FMNL2
NCBI Official Synonym Symbols	FHOD2
NCBI Protein Information	formin-like protein 2
NCBI Summary for FMNL2	This gene encodes a formin-related protein. Formin-related proteins have been implicated in morphogenesis, cytokinesis, and cell polarity. Alternatively spliced transcript variants encoding different isoforms have been described but their full-length nature has yet to be determined. [provided by RefSeq, Jul 2008]
Research Articles on FMNL2	**1.** miR-206 functioned as a tumor suppressor in the progression of colorectal cancer(CRC) by targeting FMNL2 and c-MET. Restoration of miR-206 expression may represent a promising therapeutic approach for targeting malignant CRC.
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