FNDC4 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FNDC4, Monoclonal Antibody
Full Product Name	FNDC4 (FRCP1, Fibronectin Type III Domain-containing Protein 4, Fibronectin Type III Repeat-containing Protein 1, FLJ22362, UNQ6389/PRO21134) 405)
Product Gene Name	anti-FNDC4 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	7F9
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FNDC4.
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 immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of produc the original vial prior to removing the cap.
Molecular Weight	25kDa
OMIM	611905
3D Structure	ModBase 3D Structure for Q9H6D8
Immunogen	Partial recombinant corresponding to aa45-155 from human FNDC4 (NP_073734) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	DRPPSPVNVTVTHLRANSATVSWDVPEGNIVIGYSISQQRQNGPGQRVIREVNTTTRACALWGLAEDSDYTVQVRSIGLRGESPPGPRVHFRTLKGSDR
Conjugate	MaxLight405
Product Categories/Family for anti-FNDC4 antibody	Antibodies; Fibronectin
Applications Tested/Suitable for anti-FNDC4 antibody	FLISA, Western Blot (WB)
Application Notes for anti-FNDC4 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FNDC4 antibody	FNDC4 contains a fibronectin type-III (FN3) domain. FN3 repeats have been found in various protein families including extracellular-matrix molecules, receptors, enzymes, and muscle proteins. The function of FNDC4 is unknown.

Other Notes	Small volumes of anti-FNDC4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces 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 may apply.
Searchable Terms for FNDC4 purchase	MBS6190200 is an antibody targeting FNDC4. Also known as FNDC4 (FRCP1, Fibronectin Type III Domain-containing Protein 4, Fibronectin Type III F containing Protein 1, FLJ22362, UNQ6389/PRO21134) (MaxLight 405). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FNDC4. It may not necessarily be applicable to this product.

NCBI GI #	12383064
NCBI GeneID	64838
NCBI Accession #	NP_073734
UniProt Primary Accession #	Q9H6D8
UniProt Related Accession #	Q9H6D8
GenBank Nucleotide #	NM_022823
NCBI Official Full Name	fibronectin type III domain-containing protein 4
NCBI Official Synonym Full Names	fibronectin type III domain containing 4
NCBI Official Symbol	FNDC4
NCBI Official Synonym Symbols	FRCP1
UniProt Protein Name	Fibronectin type III domain-containing protein 4
UniProt Synonym Protein Names	Fibronectin type III repeat-containing protein 1
Protein Family	Fibronectin type III domain-containing protein
UniProt Gene Name	FNDC4
UniProt Synonym Gene Names	FRCP1
UniProt Entry Name	FNDC4_HUMAN
NCBI Protein Information	fibronectin type III domain-containing protein 4
UniProt Comments for FNDC4	FNDC4: Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 2p23.3 Cellular Component: endoplasmic reticulum; integral to membrane; plasma membrane
Research Articles on FNDC4	**1.** FNDC4 as a factor with direct therapeutic potential in inflammatory bowel disease and possibly other inflammatory diseases.
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