NUDCD2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	NUDCD2, Monoclonal Antibody
Full Product Name	NUDCD2 (NudC Domain Containing 2, DKFZp686E10109) (MaxLight 490)
Product Gene Name	anti-NUDCD2 antibody
Product Synonym Names	NudC Domain Containing 2; DKFZp686E10109
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3C1
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes NUDCD2.
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 MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	17,676 Da
3D Structure	ModBase 3D Structure for Q8WVJ2
Immunogen	NUDCD2 (NP_660309.1, 1aa-157aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSAPFEERSGVVPCGTPWGQWYQTLEEVFIEVQVPPGTRAQDIQCGLQSRHVALSVGGREILKGKLFDSTIADEGTWTLEDRKMVRIVLTKTKRDAANC
Conjugate	MaxLight490
Product Categories/Family for anti-NUDCD2 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-NUDCD2 antibody	Western Blot (WB)
Application Notes for anti-NUDCD2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NUDCD2 antibody	MBS6207698 is an antibody targeting NUDCD2. Also known as NUDCD2 (NudC Domain Containing 2, DKFZp686E10109) (MaxLight 490). Host: Mou
Other Notes	Small volumes of anti-NUDCD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nec 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 NUDCD2. It may not necessarily be applicable to this product.

NCBI GI #	21687129
NCBI GeneID	134492
NCBI Accession #	NP_660309.1
UniProt Primary Accession #	Q8WVJ2
UniProt Secondary Accession #	B2R4V0
UniProt Related Accession #	Q8WVJ2
GenBank Nucleotide #	NM_145266.4
NCBI Official Full Name	nudC domain-containing protein 2
NCBI Official Synonym Full Names	NudC domain containing 2
NCBI Official Symbol	NUDCD2
UniProt Protein Name	NudC domain-containing protein 2
Protein Family	NudC domain-containing protein
UniProt Gene Name	NUDCD2
UniProt Entry Name	NUDC2_HUMAN
NCBI Protein Information	nudC domain-containing protein 2; NudC-like protein 2
UniProt Comments for NUDCD2	NUDCD2: May regulate the LIS1/dynein pathway by stabilizing LIS1 with Hsp90 chaperone. Protein type: Unknown function Chromosomal Location of Human Ortholog: 5q34 Cellular Component: microtubule cytoskeleton; spindle pole; cytoplasm; microtubule organizing center; intracellular Molecular Function: protein binding
Research Articles on NUDCD2	**1.** NudCL2, a homolog of Aspergillus NudC, which shares significant homology with human NudC and NudCL was identified. It regulates the LIS1/dynein pathway by stabilizing LIS1 with Hsp90 chaperone.
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