NVL Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	NVL, Monoclonal Antibody
Full Product Name	NVL (Nuclear VCP-like) (MaxLight 750)
Product Gene Name	anti-NVL antibody
Product Synonym Names	Nuclear VCP-like
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3D10
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes NVL.
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: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	602426
3D Structure	ModBase 3D Structure for O15381
Immunogen	NVL (NP_002524, 757aa-856aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ILKTITKNGTKPPLDADVNLEAIAGDLRCDCYTGADLSALVREASICALRQEMARQKSGNEKGELKVSHKHFEEAFKKVRSSISKKDQIMYERLQESLSR
Conjugate	MaxLight750
Product Categories/Family for anti-NVL antibody	Antibodies; Cell Markers
Applications Tested/Suitable for anti-NVL antibody	Western Blot (WB)
Application Notes for anti-NVL antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NVL antibody	MBS6239727 is an antibody targeting NVL. Also known as NVL (Nuclear VCP-like) (MaxLight 750). Host: Mouse. Mouse monoclonal antibody raised against a partial recombinant NVL.

Other Notes	Small volumes of anti-NVL 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.

ADDITIONAL DETAILS

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

NCBI GI #	45643123
NCBI GeneID	4931
NCBI Accession #	NP_002524
UniProt Primary Accession #	O15381
UniProt Related Accession #	O15381
GenBank Nucleotide #	NP_002524.2
NCBI Official Full Name	nuclear valosin-containing protein-like isoform 1
NCBI Official Synonym Full Names	nuclear VCP like
NCBI Official Symbol	NVL
NCBI Official Synonym Symbols	NVL2
UniProt Protein Name	Nuclear valosin-containing protein-like
Protein Family	Nuclear valosin-containing protein
UniProt Gene Name	NVL
UniProt Synonym Gene Names	NVLp
UniProt Entry Name	NVL_HUMAN
NCBI Protein Information	nuclear valosin-containing protein-like
NCBI Summary for NVL	This gene encodes a member of the AAA (ATPases associated with diverse cellular activities) superfamily. Multiple transcript variants encoding different isoforms have been found for this gene. Two encoded proteins, described as major and minor isoforms, have been localized to distinct regions of the nucleus. The largest encoded protein (major isoform) has been localized to the nucleolus and shown to participate in ribosome biosynthesis (PMID: 15469983, 16782053), while the minor isoform has been localized to the nucleoplasmin. [provided by RefSeq, Aug 2011]
UniProt Comments for NVL	NVL: a member of the AAA (ATPases associated with diverse cellular activities) superfamily. Multiple transcript variants encoding different isoforms have been found for this gene. Two encoded proteins, described as major and minor isoforms, have been localized to distinct regions of the nucleus. The largest encoded protein (major isoform) has been localized to the nucleolus and shown to participate in ribosome biosynthesis (PMID: 15469983, 16782053), while the minor isoform has been localized to the nucleoplasmin. [provided by RefSeq, Aug 2011] Protein type: Nucleolus Chromosomal Location of Human Ortholog: 1q41-q42.2 Cellular Component: mitochondrion; membrane; cytoplasm; plasma membrane; nucleolus; nucleus Molecular Function: ATP binding
Research Articles on NVL	**1.** Data show that the nuclear exosome adaptors nuclear valosin-containing protein-like (NVL) and zinc finger, CCHC domain containing 8 protein (ZCCHC8) bind the Mtr4 exosome RNA helicase (MTR4) KOW domain on a surface.

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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-antibody/nvl/6239727