

Mouse NUP62 Monoclonal Antibody | anti-NUP62 antibody

NUP62 (Nuclear Pore Glycoprotein p62, 62kD Nucleoporin, Nucleoporin Nup62) (HRP)

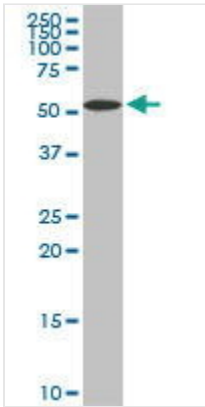
CATALOG # AAA25478	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
------------------------------	----------------------	--	--

PRODUCT SYNONYMS

NUP62; Monoclonal Antibody; NUP62 (Nuclear Pore Glycoprotein p62; 62kD Nucleoporin; Nucleoporin Nup62) (HRP); anti-NUP62 antibody

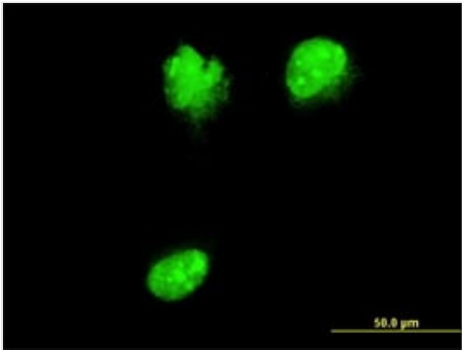
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2D3
Specificity	Recognizes human NUP62. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-NUP62 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa423-523 from NUP62 (NP_714941) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	LQHADEEREKTYKLAENIDAQLKRMAQDLKDIIHLNTSGAPADTSDPLQQICKILNAHMDSLQWIDQNSALLQRKVEEVTKVCEGRRKEQERSFRITFD*
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



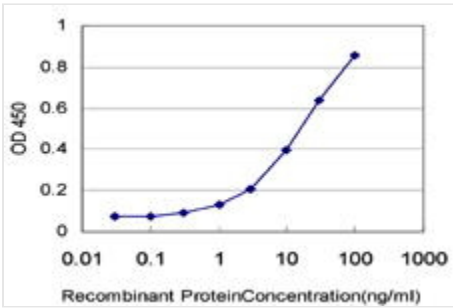
WB (Western Blot)

NUP62 monoclonal antibody. Western Blot analysis of NUP62 expression in NIH/3T3.



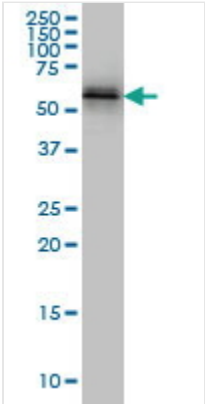
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to NUP62 on HeLa cell. [antibody concentration 10ug/ml]



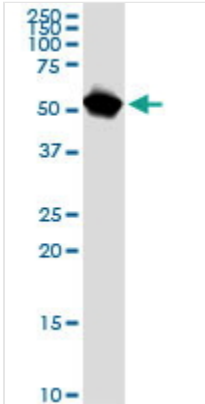
Application Data

Detection limit for recombinant GST tagged NUP62 is ~1ng/ml as a capture antibody.



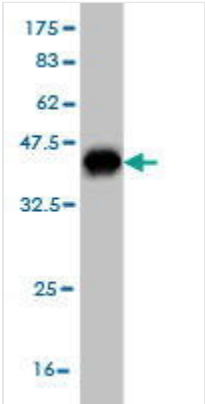
WB (Western Blot)

NUP62 monoclonal antibody Western Blot analysis of NUP62 expression in Hela NE.



WB (Western Blot)

NUP62 monoclonal antibody. Western Blot analysis of NUP62 expression in PC-12.



WB (Western Blot)

Western Blot detection against Immunogen (37.11kD).

ADDITIONAL INFORMATION

Related Product Information for anti-NUP62 antibody	NUP62 is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. This protein is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. The protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. All four variants represent identical protein.
Product Categories/Family for anti-NUP62 antibody	Antibodies; Nuclear Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497609
NCBI GeneID	23636
NCBI Accession #	NP_714941
NCBI GenBank Nucleotide #	NM_153719
UniProt Accession #	P37198
Molecular Weight	57kDa
NCBI Official Full Name	nuclear pore glycoprotein p62
NCBI Official Synonym Full Names	nucleoporin 62
NCBI Official Symbol	NUP62
NCBI Official Synonym Symbols	p62; IBSN; SNDI
NCBI Protein Information	nuclear pore glycoprotein p62
UniProt Protein Name	Nuclear pore glycoprotein p62
UniProt Gene Name	NUP62
UniProt Entry Name	NUP62_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/nup62-antibody-clone-2d3-western-blot-elisa/25478>