

NUP37 mouse monoclonal antibody (hybridoma)

Catalog # H00079023-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NUP37.
Immunogen	NUP37 (NP_076962.2, 1 a.a. ~ 326 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKQDASRNAAYTVDCEDYVHVVEFNPFENGDSGNLIAYGGNNYVIGTCTFQEEEDVEGIQYKT LRTFHHGVRVDGIAWSPETRLDSLPPVIKFCTSAADMKIRLFTSDLQDKNEYKVLEGHTDFINGLVF DPKEGQEIASVSDDHTCRWNLEGVQTAHFVLHSPGMSVCWHPEETFKLMVAEKNGTIRFYDLLA QQAILSLESEQVPLMSAHWCLKNTFKVGAVAGNDWLWDITRSSYPQNKRPVHMDRACLFRWSTI SENLFATTGYPGKMASQFQIHHLGHPQPILMGSAVAVGSLSWHRTLPLCVIGGDHKLFWVTEV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (89)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NUP37

Entrez GeneID	79023
GeneBank Accession#	NM_024057.2
Protein Accession#	NP_076962.2
Gene Name	NUP37
Gene Alias	FLJ22618, MGC5585, p37
Gene Description	nucleoporin 37kDa
Omim ID	609264
Gene Ontology	Hyperlink
Gene Summary	Bidirectional transport of macromolecules between the cytoplasm and nucleus occurs through nuclear pore complexes (NPCs) embedded in the nuclear envelope. NPCs are composed of subcomplexes, and NUP37 is part of one such subcomplex, Nup107-160 (Loiodice et al., 2004 [PubMed 15146057]).[supplied by OMIM]
Other Designations	nucleoporin Nup37

Disease

- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)