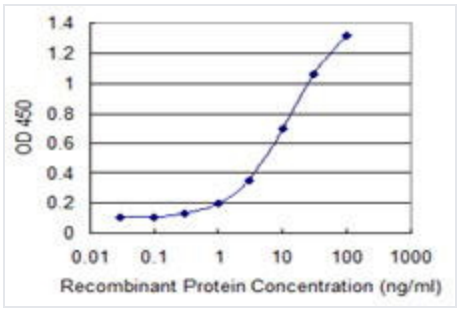
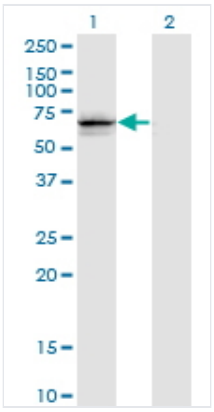
GNL3 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	GNL3, Monoclonal Antibody
Full Product Name	GNL3 (Guanine Nucleotide Binding Protein-like 3 (Nucleolar), C77032, E2IG3, MGC800, NS) (APC)
Product Gene Name	anti-GNL3 antibody
Product Synonym Names	Guanine Nucleotide Binding Protein-like 3 (Nucleolar); C77032; E2IG3; MGC800; NS
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1G4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified
Specificity	Recognizes GNL3.
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: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	GNL3 (AAH01024.1, 328aa-427aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	IEVVKPMEAASAILSQADARQVVLKYTVPGYRNSLEFFTMLAQRRGMHQKGGIPNVEGAAKLLWSEWTGASLAYYCHPPTSWTPPPYFNESIVVDMKSG
Conjugate	APC
Product Categories/Family for anti-GNL3 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-GNL3 antibody	Western Blot (WB)
Application Notes for anti-GNL3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-GNL3 antibody	MBS6167790 is an antibody targeting GNL3. Also known as GNL3 (Guanine Nucleotide Binding Protein-like 3 (Nucleolar), C77032, E2IG3, MGC800, NS) (APC). Host: Mouse. Mouse monoclonal antibody raised against a full length recombinant GNL3.
Other Notes	Small volumes of anti-GNL3 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.



Testing Data of anti-GNL3 antibody
Detection limit for recombinant GST tagged GNL3 is 0.1 ng/ml as a capture antibody.



Western Blot (WB) of anti-GNL3 antibody
Western Blot analysis of GNL3 expression in transfected 293T cell line by GNL3 monoclonal antibody (M08), clone 1G4.Lane 1: GNL3 transfected lysate (Predicted MW: 62 KDa).Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GNL3. It may not necessarily be applicable to this product.

NCBI GI #	12654399
NCBI GeneID	26354
NCBI Accession #	AAH01024.1
UniProt Related Accession #	Q9BVP2
NCBI Official Full Name	Guanine nucleotide binding protein-like 3 (nucleolar)
NCBI Official Synonym Full Names	G protein nucleolar 3
NCBI Official Symbol	GNL3
NCBI Official Synonym Symbols	NS; E2IG3; NNP47; C77032
Protein Family	Guanine nucleotide-binding protein
NCBI Protein Information	guanine nucleotide-binding protein-like 3
NCBI Summary for GNL3	The protein encoded by this gene may interact with p53 and may be involved in tumorigenesis. The encoded protein also appears to be important for stem cell proliferation. This protein is found in both the nucleus and nucleolus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]
Research Articles on GNL3	**1.** Nucleostemin role in the defective homologous recombination repair in breast cancer cells.
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.
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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.

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