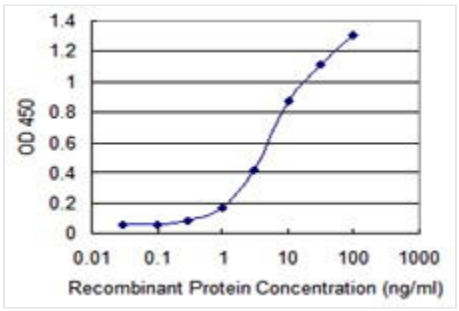
NUMB Antibody – Mouse Monoclonal

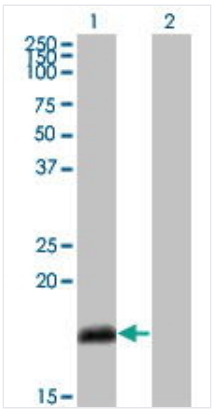
PRODUCT OVERVIEW

Product Name	NUMB, Monoclonal Antibody
Full Product Name	NUMB (Protein Numb Homolog, h-Numb, Protein S171, Protein S171) (AP)
Product Gene Name	anti-NUMB antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4A7-A6
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human NUMB.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	37,396 Da
Immunogen	Full length recombinant corresponding to aa1-135 from NUMB (AAH33824) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MPYPAPNVPVVGITPSQMVANVFGTAGHPQAAHPHQSPSLVRQQTFPHYEASSATTSPFFKPPAQHLNGSAAFNGVDDGRLASADRHTEVPTGTCPVD
Conjugate	AP
Product Categories/Family for anti-NUMB antibody	Antibodies; Neuroscience
Applications Tested/Suitable for anti-NUMB antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-NUMB antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NUMB antibody	Plays a role in the process of neurogenesis. Required throughout embryonic neurogenesis to maintain neural progenitor cells, also called radial glial ce progenitor over neuronal cell fate. Not required for the proliferation of neural progenitor cells before the onset of neurogenesis. Also involved postnatally regulating SVZ neuroblasts survival and ependymal wall integrity. May also mediate local repair of brain ventricular wall damage.
Other Notes	Small volumes of anti-NUMB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess 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.

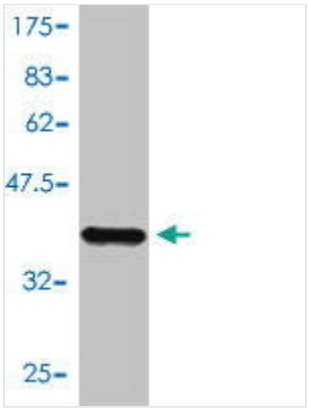
Searchable Terms for NUMB purchase	MBS6132683 is an antibody targeting NUMB. Also known as NUMB (Protein Numb Homolog, h-Numb, Protein S171, Protein S171) (AP). Reactive in H



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



Western Blot (WB) of anti-NUMB antibody
Western Blot analysis of NUMB expression in transfected 293T cell line by NUMB monoclonal antibody Lane 1: NUMB transfected lysate (14.5kD). Lane 2: Non-transfected lysate.



Western Blot (WB) of anti-NUMB antibody
Western Blot detection against Immunogen (40.96kD).

ADDITIONAL DETAILS

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

NCBI GI #	21707192
NCBI GeneID	8650
NCBI Accession #	BC033824
NCBI Related Accession #	AAH33824
UniProt Secondary Accession #	Q6NUQ7; Q86SY1; Q8WW73; Q9UBG1; Q9UEQ4; B1P2N5; B1P2N6; B1P2N7; B1P2N8; B1P2N9; B4E2B1
UniProt Related Accession #	P49757
NCBI Official Full Name	Homo sapiens numb homolog (Drosophila), mRNA
NCBI Official Synonym Full Names	NUMB, endocytic adaptor protein
NCBI Official Symbol	NUMB
NCBI Official Synonym Symbols	S171; C14orf41; c14_5527
Protein Family	Protein numb
NCBI Protein Information	protein numb homolog

NCBI Summary for NUMB	The protein encoded by this gene plays a role in the determination of cell fates during development. The encoded protein, whose degradation is induced in a proteasome-dependent manner by MDM2, is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
Research Articles on NUMB	**1.** Dominant negative NUMB expression confers a high proliferative phenotype to chronic myeloid leukemia 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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