

Mouse Fibrillarin Monoclonal Antibody | anti-FBL antibody

Fibrillarin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76609	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, Immunocytochemistry

PRODUCT SYNONYMS

Fibrillarin; Monoclonal Antibody; anti-FBL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	321
Applicable Applications for anti-FBL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Recombinant full length human sequence expressed in and purified from E Coli.

IMAGES



WB (Western Blot)

Western blot analysis of different tissue and cell line lysates using mouse mAb to fibrillarin, MO22169. Strong band at ~35kDa corresponds to the fibrillarin protein seen in all cell line lysates. A much weaker band is seen in tissue lysates since fibrillarin is more heavily expressed in rapidly dividing cells.



IF (Immunofluorescence)

Immunofluorescent analysis of (A) C6 rat glioma cells and (B) Human embryonic kidney cells stained with mouse mAb to fibrillarin, MO22169, dilution 1:1,000 in red, in both cases costained with chicken pAb to vimentin, CH22108, dilution 1:10,000 in green. The blue is DAPI staining of nuclear DNA.

ADDITIONAL INFORMATION

Related Product Information for anti-FBL antibody	Nop1p/Fibrillarin was originally identified as a nucleolar protein of bakers yeast, <i>Saccharomyces cerevisiae</i> (accession P15646). The Nop1p protein is 327 amino acids in size (34.5kDa), is essential for yeast viability, and is localized in the nucleoli. Nop1p is the yeast homologue of a protein apparently found in all eukaryotes and archaea generally called fibrillarin. Fibrillarin/Nop1p is extraordinarily conserved, so that the yeast and human proteins are 67% identical, and the human protein can functionally replace the yeast protein. This antibody is becoming widely used as a convenient marker for nucleoli in a wide variety of species (e.g. 4-6). The HGNC name for this protein is FBL. To raise the fibrillarin antibody, mice were injected with full length recombinant human fibrillarin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31395
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NCBI GeneID	2091
UniProt Accession #	P22087
NCBI Official Full Name	fibrillarin
NCBI Official Synonym Full Names	fibrillarin
NCBI Official Symbol	FBL
NCBI Official Synonym Symbols	FIB; FLRN; Nop1; RNU3IP1
NCBI Protein Information	rRNA 2'-O-methyltransferase fibrillarin
UniProt Protein Name	rRNA 2'-O-methyltransferase fibrillarin
UniProt Gene Name	FBL
UniProt Synonym Gene Names	FIB1; FLRN
UniProt Entry Name	FBRL_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fibrillarin-antibody-immunofluorescence-immunohistochemistry-western-blot-immunocytochemistry-elisa/76609>