

ARG45809 anti-Filensin antibody [FIL-7B10]

Package: 50 μg Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [FIL-7B10] recognizes Filensin
Tested Reactivity	Hu, Bov
Tested Application	IHC-Fr, WB
Host	Mouse
Clonality	Monoclonal
Clone	FIL-7B10
Isotype	lgG1
Target Name	Filensin
Species	Human
Conjugation	Un-conjugated
Alternate Names	BFSP1; Beaded Filament Structural Protein 1; Filensin; LIFL-H; CP115; CP94; Lens Fiber Cell Beaded- Filament Structural Protein CP 115; Beaded Filament Structural Protein 1, Filensin; Lens Intermediate Filament-Like Heavy Cytoskeletal Protein, 115 KD; CTRCT33

Application Instructions

Application table	Application	Dilution
	IHC-Fr	2-4 μg/ml
	WB	1-2µg/ml
Application Note	* The dilutions indicate recomme should be determined by the scie	nded starting dilutions and the optimal dilutions or concentrations ntist.

Properties

Form	Liquid
Purification	Ascites
Buffer	Mouse ascites fluid, 1.2% Sodium acetate, 0.01 mg Sodium azide and 2 mg BSA.
Preservative	0.01 mg Sodium azide
Stabilizer	2 mg BSA
Concentration	0.1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	BFSP1
Gene Full Name	Beaded Filament Structural Protein 1
Background	This gene encodes a lens-specific intermediate filament-like protein named filensin. The encoded protein is expressed in lens fiber cells after differentiation has begun. This protein functions as a component of the beaded filament which is a cytoskeletal structure found in lens fiber cells. Mutations in this gene are the cause of autosomal recessive cortical juvenile-onset cataract. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Function	Required for the correct formation of lens intermediate filaments as part of a complex composed of BFSP1, BFSP2 and CRYAA. [UniProt]
Calculated Mw	68 kDa
РТМ	Acetylation; Lipoprotein; Myristate; Phosphoprotein. [UniProt]
Cellular Localization	Cell membrane; Cytoplasm; Cytoskeleton; Intermediate filament; Membrane. [UniProt]