



Mouse monoclonal antibody to Filensin [FIL-27]: IgG

Catalogue No.:	M-1176-100
Description:	Filensin is a lens-specific intermediate filament-like protein found in the beaded filament of ocular lens. Defects in this gene are the cause of autosomal recessive cortical juvenile-onset cataract. At least 2 isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Human and bovine lens filament enriched fraction (plasma membrane-cytoskeleton complex)
Other Names:	Beaded filament structural protein 1; Lens fiber cell beaded-filament structural protein CP 115; CP115; Lens intermediate filament-like heavy; LIFL-H; BFSP1;
Accession:	Q12934 BFSP1_HUMAN; Q06002 BFSP1_BOVIN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human Filensin (isoform 1) has a predicted length of 665 residues and MW of 75 kDa. A concentration of 2.0-4.0 ug/mL is recommended to detect Filensin in formalin/acetone fixed tissues.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

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