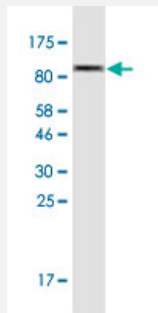


BFSP1 monoclonal antibody (M04), clone 1B23

Catalog # H00000631-M04

Size 100 ug

Applications



Western Blot detection against Immunogen (84.92 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant BFSP1.
Immunogen	BFSP1 (AAH41483, 1 a.a. ~ 540 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MYENECECQLLLKEMLERLNKEADEALLHNLRLQLEAQFLQDDISAAKDRHKKNLLEVQTYISILQ QIIHTTPASVTSGMREEKLLTEREVAALRSQLEEGREVLSHLQAQRVELQAQTTTLEQAISAE CYDDEIQLYNEQIETLRKEIEETERVLEKSSYDCRQLAVAQQTTLKNELDRYHRIIEIEGNRLTSAFIET PIPLFTQSHGVSLSTGSGGKDLTRALQDITAAKPRQKALPKNVPRRKEITKDKTNGALEDAPLKGL EDTKLVQVVLKEESESKEFESESKEVSPLTQEGAPEDVPDGGQISKGFGLYRKVKEKVRSPKEP ETPTELYTKERHVLVTGDANYVDPRFYVSSITAKGGVAVSVAEDSVLYDGGVGPSPESPKEPLEN GQVGLQEKEDGQPIDQQPIDKEIEPDGAELEGPEEKREGEERDEESRRPCAMVTPGAEEPSIPE PPKPAADQDGAEVLGTRSRSLPEKGPPKALAYKTVEVVESIEKISTESIQTYEETAVMETMIGTK SDKKKSGEKSS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (67)
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (84.92 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — BFSP1

Entrez GeneID

[631](#)

GeneBank Accession#

[BC041483](#)

Protein Accession#

[AAH41483](#)

Gene Name

BFSP1

Gene Alias

CP115, CP94, FILENSIN, LIFL-H

Gene Description

beaded filament structural protein 1, filensin

Omim ID

[603307 611391](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

More than 99% of the vertebrate ocular lens is comprised of terminally differentiated lens fiber cell s. Two lens-specific intermediate filament-like proteins, CP49 (also known as phakinin) and the protein product of this gene, filensin, are expressed only after fiber cell differentiation has begun. Both proteins are found in a structurally unique cytoskeletal element that is referred to as the beaded filament (BF). Mutations in this gene are the cause of autosomal recessive cortical juvenile-onset cataract. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000030329|cytoskeletal protein, 115 KD|filensin