



Mouse anti-Human BFSP1 monoclonal antibody, clone 2C22 (CABT-B9852)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	BFSP1 (AAH41483, 1 a.a. ~ 541 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	2C22
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MYENECECQLLLKEMLERLNKEADEALLHNLRLQLEAQFLQDDISAAKDRHKKNLLEVQT YISILQQIIHTPPASIVTSGMREEKLLTEREVAALRSQLEEGREVLSHLQAQRVELQAQ TTTLEQAIKSAHECYDDEIQLYNEQIETLRKEIEETERVLEKSSYDCRQLAVAQQTLEKNE LDRYHRIIEIEGNRLTSAFIETPIPLFTQSHGVSLSTGSGGKDLTRALQDITAAKPRQKA LPKNVPRRKEIITKD
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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]
Keywords	BFSP1; beaded filament structural protein 1, filensin; CP94; CP115; LIFL-H; CTRCT33; filensin; cytoskeletal protein, 115 KD; lens intermediate filament-like heavy; lens fiber cell beaded-filament structural protein CP 115;

GENE INFORMATION

Entrez Gene ID	631
UniProt ID	Q12934
Function	structural constituent of cytoskeleton; structural constituent of eye lens