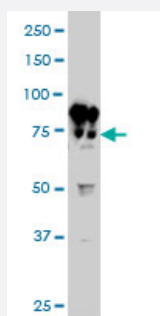


# BFSP1 monoclonal antibody (M02), clone 6B4

Catalog # H00000631-M02

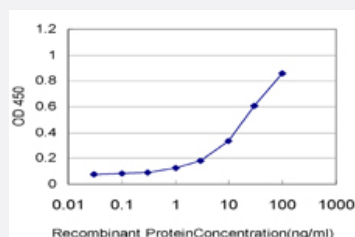
Size 100 ug

## Applications



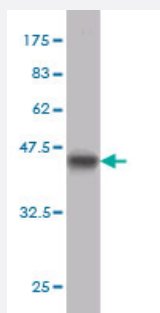
### Western Blot (Cell lysate)

BFSP1 monoclonal antibody (M02), clone 6B4 Western Blot analysis of BFSP1 expression in HL-60 ( Cat # L014V1 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BFSP1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant BFSP1.

<b>Immunogen</b>	BFSP1 (NP_001186, 567 a.a. ~ 664 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	EESRRPCAMVTPGAEEPSIPEPPKPAADQDGAEVLGTRSRSLPEKGPPKALAYKTVEVVESIEKI STESIQTYEETAVIVETMIGTKSDKKKSGEKS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (60); Rat (60)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

BFSP1 monoclonal antibody (M02), clone 6B4 Western Blot analysis of BFSP1 expression in HL-60 ( Cat # L014V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BFSP1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — BFSP1

Entrez GeneID

[631](#)

GeneBank Accession#	<a href="#">NM_001195</a>
Protein Accession#	<a href="#">NP_001186</a>
Gene Name	BFSP1
Gene Alias	CP115, CP94, FILENSIN, LIFL-H
Gene Description	beaded filament structural protein 1, filensin
Omim ID	<a href="#">603307 611391</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>More than 99% of the vertebrate ocular lens is comprised of terminally differentiated lens fiber cells. 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]</p>
Other Designations	OTTHUMP00000030329 cytoskeletal protein, 115 KD filensin