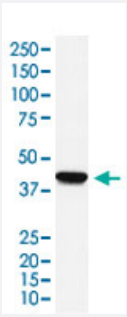
BGN monoclonal antibody, clone AEIB-2

Catalog # MAB22192 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of C2C12 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human BGN.
Immunogen	A synthetic peptide corresponding to human BGN.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat BGN, in native form and recombinant. Superfamily mem bers of BGN are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

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Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western Blot (cell lysate) analysis of C2C12 cell lysate.

Gene Info — BGN

Entrez GeneID	633
Protein Accession#	P21810
Gene Name	BGN
Gene Alias	DSPG1, PG-S1, PGI, SLRR1A
Gene Description	biglycan
Omim ID	301870
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a small cellular or pericellular matrix proteoglycan that is clos ely related in structure to two other small proteoglycans, decorin and fibromodulin. The encoded p rotein and decorin are thought to be the result of a gene duplication. Decorin contains one attache d glycosaminoglycan chain, while this protein probably contains two chains. For this reason, this p rotein is called biglycan. This protein is thought to function in connective tissue metabolism by bin ding to collagen fibrils and transfering growth factor-beta. It may promote neuronal survival. This g ene is a candidate gene for the Happle syndrome. [provided by RefSeq
Other Designations	OTTHUMP00000025928|biglycan proteoglycan|bone/cartilage proteoglycan-I|dermatan sulphate proteoglycan I|small leucine-rich protein 1A

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