FBLN1 Monoclonal Antibody

Catalog No	YP-mAb-05586
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	FBLN1 PP213
Protein Name	Fibulin-1 (FIBL-1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	FBLN1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	77kD
Cell Pathway	Secreted, extracellular space, extracellular matrix.
Tissue Specificity	Isoform A and isoform B are only expressed in placenta. Isoform C and isoform D are expressed in a variety of tissues and cultured cells.
Function	developmental stage:Widely expressed during embryonic development. Prominent in the matrix of the leptomeningeal anlage, in basement membranes of the neuroepithelium and the perineurium of peripheral nerves. In embryos of gestational week (gw) 4, staining was observed in the early mesenchymal bone anlagen. In gw 6.5 and 8, all perichondrial structures showed expression but the chondrocytes themselves showed no staining. In gw 10, expression is prominent in the interterritorial matrix surrounding the hypertrophic chondrocytes.,disease:A chromosomal aberration involving FBLN1 is found in a complex type of synpolydactyly, also referred to as 3/3-prime/4 synpolydactyly associated with metacarpal and metatarsal synostoses [MIM:608180]. Reciprocal translocation t(12;22)(p11.2;q13.3) with C12orf2. Fibroblasts derived from a patient with synpolydactyly displayed alterations in the level of isofo
Background	Fibulin 1 is a secreted glycoprotein that becomes incorporated into a fibrillar extracellular matrix. Calcium-binding is apparently required to mediate its binding to laminin and nidogen. It mediates platelet adhesion via binding fibrinogen. Four

	splice variants which differ in the 3' end have been identified. Each variant encodes a different isoform, but no functional distinctions have been identified among the four variants. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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