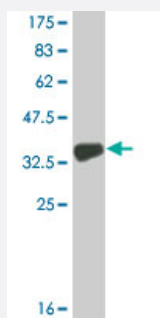


COL9A3 monoclonal antibody (M02A), clone 2B5

Catalog # H00001299-M02A

Size 200 uL

Applications



Western Blot detection against Immunogen (32.23 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant COL9A3.
Immunogen	COL9A3 (NP_001844, 280 a.a. ~ 338 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GDLGRPGPKGTPGVAGPSGEPGMPGKDGQNGVPLDGGQKGEAGRNGAPGEKGPNGLPGL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86)
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.23 KDa) .
Storage Buffer	In ascites fluid
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 — COL9A3

Entrez GeneID	1299
GeneBank Accession#	NM_001853
Protein Accession#	NP_001844
Gene Name	COL9A3
Gene Alias	DJ885L7.4.1, EDM3, FLJ90759, IDD, MED
Gene Description	collagen, type IX, alpha 3
Omim ID	120270 600969 603932
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. Mutations in this gene are associated with multiple epiphyseal dysplasia. [provided by RefSeq]
Other Designations	OTTHUMP00000031507 alpha 3 type IX collagen collagen IX, alpha-3 polypeptide collagen type I X proteoglycan

Disease

- [Chronic Disease](#)
- [Deafness](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)

- [Intervertebral Disk Displacement](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoarthritis](#)
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- [Spinal Diseases](#)