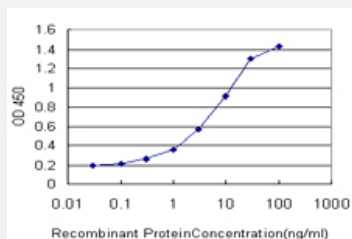


COL23A1 monoclonal antibody (M03), clone 2E10

Catalog # H00091522-M03

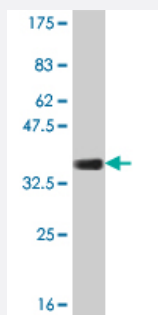
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COL23A1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (33.77 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant COL23A1.

Immunogen

COL23A1 (NP_775736, 338 a.a. ~ 410 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

KGELGLPGAPGIDGEGPKGQKGDPGEPGPAGLKGEAGEMGLSGLPGADGLKGEKGESASDS
LQESLAQLIVE

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (92); Rat (92)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.77 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COL23A1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — COL23A1

Entrez GeneID	91522
GeneBank Accession#	NM_173465
Protein Accession#	NP_775736
Gene Name	COL23A1
Gene Alias	DKFZp434K0621
Gene Description	collagen, type XXIII, alpha 1
Omim ID	610043
Gene Ontology	Hyperlink

Gene Summary

COL23A1 is a member of the transmembrane collagens, a subfamily of the nonfibrillar collagens that contain a single pass hydrophobic transmembrane domain (Banyard et al., 2003 [PubMed 12644459]).[supplied by OMIM]

Other Designations

procollagen, type XXIII, alpha 1

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)