

COL23A1 Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a partial recombinant COL23A1.****Catalog # AT1582a****Specification**

COL23A1 Antibody (monoclonal) (M03) - Product Information

Application	WB, E
Primary Accession	Q86Y22
Other Accession	NM_173465
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	51944

COL23A1 Antibody (monoclonal) (M03) - Additional Information**Gene ID** 91522**Other Names**

Collagen alpha-1(XXIII) chain, COL23A1

Target/Specificity

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

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

COL23A1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

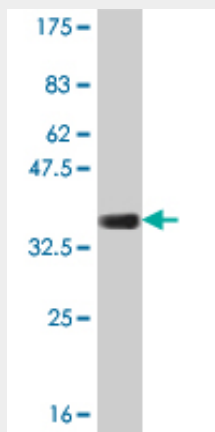
COL23A1 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

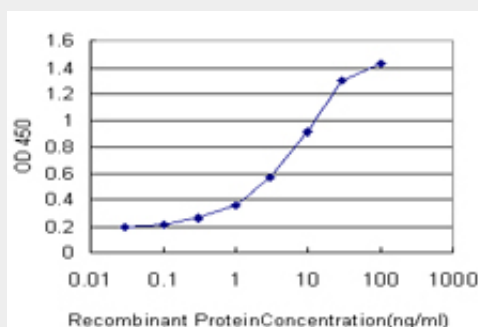
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

COL23A1 Antibody (monoclonal) (M03) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.77 kDa) .



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

COL23A1 Antibody (monoclonal) (M03) - Background

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]).

COL23A1 Antibody (monoclonal) (M03) - References

Collagen XXIII: a potential biomarker for the detection of primary and recurrent non-small cell lung cancer. Spivey KA, et al. Cancer Epidemiol Biomarkers Prev, 2010 May. PMID 20447926. Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Association of genetic variants with hemorrhagic stroke in Japanese individuals. Yoshida T, et al. Int J Mol Med, 2010 Apr. PMID 20198315. Assessment of a polymorphism of SDK1 with hypertension in Japanese Individuals. Oguri M, et al. Am J Hypertens, 2010 Jan. PMID 19851296. Association of gene polymorphisms with chronic kidney disease in Japanese individuals. Yoshida T, et al. Int J Mol Med, 2009 Oct. PMID 19724895.