

**COL23A1 Antibody (monoclonal) (M03)**

Mouse monoclonal antibody raised against a partial recombinant COL23A1.

Catalog # AT1582a

**Specification**

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**COL23A1 Antibody (monoclonal) (M03) - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q86Y22</a>
Other Accession	<a href="#">NM_173465</a>
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.

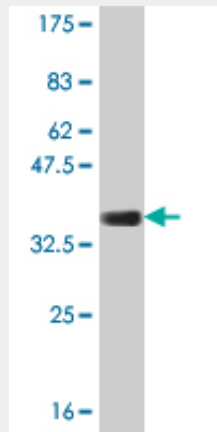
**COL23A1 Antibody (monoclonal) (M03) - Protocols**

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

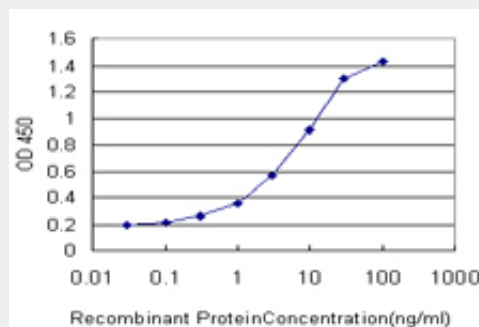
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [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.