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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
E~~N/A

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

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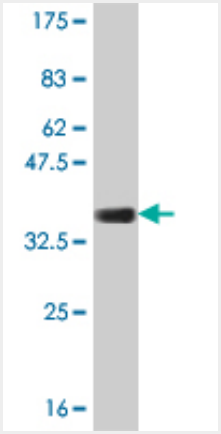
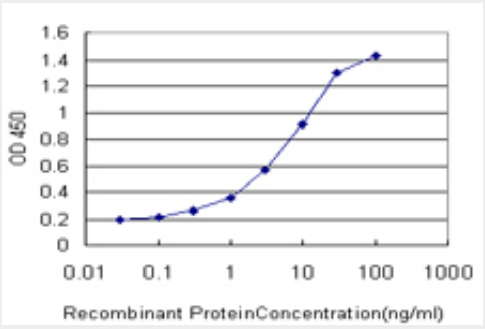
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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 0.1ng/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.