

COL23A1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant COL23A1. Catalog # AT1582a

Product Information

Application WB, E Q86Y22 **Primary Accession Other Accession** NM 173465 Reactivity Human Host mouse Clonality monoclonal Isotype IgG2b Kappa **Clone Names** 2E11

Additional Information

Calculated MW

Gene ID 91522

Other Names Collagen alpha-1(XXIII) chain, COL23A1

51944

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.

Background

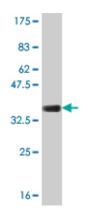
COL23A1 is a member of the transmembrane collagens, a subfamily of the nonfibrillar collagens that contain a single pass hydrophobic transmembrane domain (Banyard et al., 2003 [PubMed 12644459]).

References

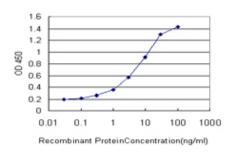
Collagen XXIII: a potential biomarker for the detection of primary and recurrent non-small cell lung cancer. Spivey KA, et al. Cancer Epidemiol Biomarkers Prev, 2010 May. PMID 20447926.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose 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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.