

Datasheet for ABIN652798
anti-COL18A1 antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	COL18A1
Binding Specificity:	AA 237-263, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL18A1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This COL18A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 237-263 amino acids from the N-terminal region of human COL18A1.
Clone:	RB22312
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	COL18A1
Alternative Name:	COL18A1 (COL18A1 Products)
Background:	COL18A1 is encoding the alpha chain of type XVIII collagen. This collagen is one of the

Target Details

multiplexins, extracellular matrix proteins that contain multiple triple-helix domains (collagenous domains) interrupted by non-collagenous domains. The proteolytically produced C-terminal fragment of type XVIII collagen is endostatin, a potent antiangiogenic protein.

Molecular Weight: 178188

Gene ID: 80781

NCBI Accession: [NP_085059](#), [NP_569712](#)

UniProt: [P39060](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

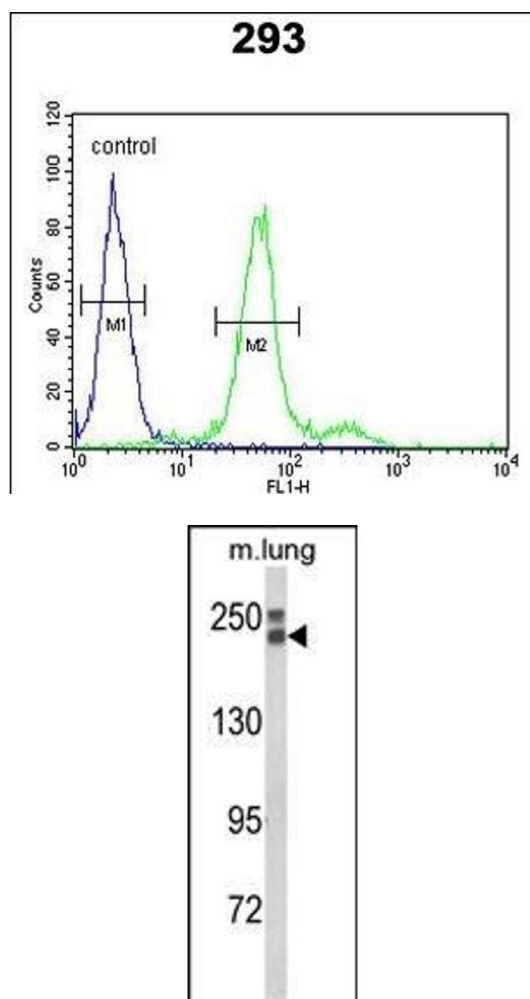
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. COL18A1 Antibody (N-term) (ABIN652798 and ABIN2842523) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of COL18A1 Antibody (N-term) (ABIN652798 and ABIN2842523) in mouse lung tissue lysates (35 µg/lane). COL18A1 (arrow) was detected using the purified Pab.