

Datasheet for ABIN391537
anti-COL5A2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	COL5A2
Binding Specificity:	AA 90-118, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL5A2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This COL5A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-118 amino acids from the N-terminal region of human COL5A2.
Clone:	RB18894
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	COL5A2
Alternative Name:	COL5A2 (COL5A2 Products)

Target Details

Background: COL5A2 is an alpha chain for one of the low abundance fibrillar collagens. Fibrillar collagen molecules are trimers that can be composed of one or more types of alpha chains. Type V collagen is found in tissues containing type I collagen and appears to regulate the assembly of heterotypic fibers composed of both type I and type V collagen. This protein is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations.

Molecular Weight: 144910

Gene ID: 1290

NCBI Accession: [NP_000384](#)

UniProt: [P05997](#)

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.

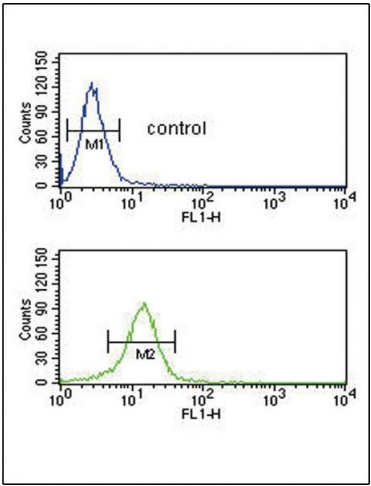
Preservative: Sodium azide

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

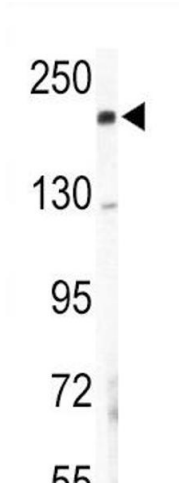
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. COL5A2 Antibody (N-term) (ABIN391537 and ABIN2841488) flow cytometric analysis of NCI- cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of COL5A2 Antibody (N-term) (ABIN391537 and ABIN2841488) in mouse lung tissue lysates (35 µg/lane). COL5A2 (arrow) was detected using the purified Pab.