Datasheet for ABIN570771

anti-COL4a6 antibody (Internal Region)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	COL4a6
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This COL4a6 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	COL4A6
Immunogen:	C-PSPEFETETLHNKES
Sequence:	PSPEFETETL HNKES
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoforms NP_001838.2 (iso A), NP_378667.1 (iso B), NP_001274687.1 (iso 3),NP_001274688.1 (iso 4) and NP_001274689.1 (iso 5).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

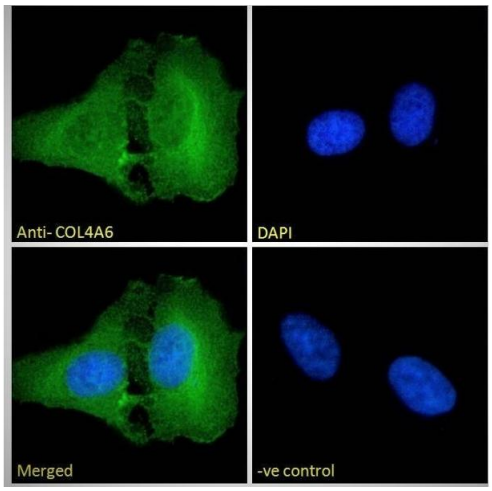
Target:	COL4a6
Alternative Name:	COL4A6 (COL4a6 Products)
Background:	COL4A6, collagen, type IV, alpha 6, MGC88184, OTTHUMP00000023834, OTTHUMP00000023835, collagen IV, alpha-6 polypeptide, collagen alpha 6 type IV, collagen of basement membrane, alpha-6, dJ889N15.4 (Collagen Alpha 6(IV)), type IV alpha 6 collagen
Gene ID:	1288
NCBI Accession:	NP_001838, NP_378667

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in the endoplasmic reticulum of HeLa and in the endoplasmic reticulum and membranes of U2OS cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cy
Restrictions:	For Research Use only

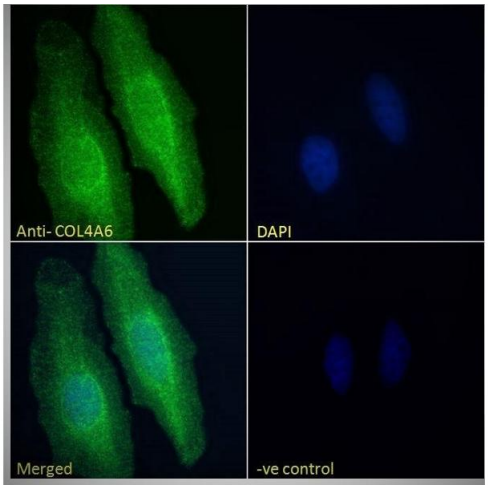
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



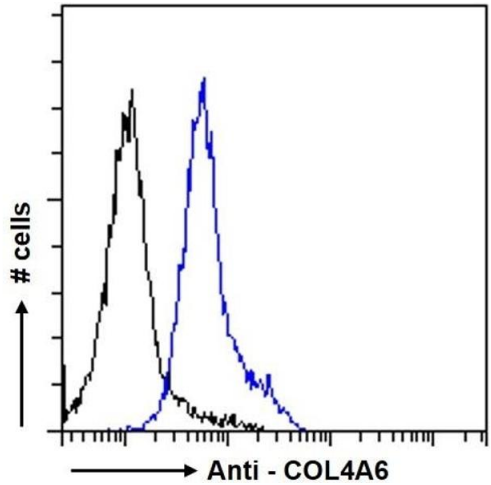
Immunofluorescence

Image 1. ABIN570771 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing endoplasmic reticulum and membrane staining. The n



Immunofluorescence

Image 2. ABIN570771 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing endoplasmic reticulum staining. The nuclear stain



Flow Cytometry

Image 3. ABIN570771 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fol