Datasheet for ABIN7183365

anti-COL5A2 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	COL5A2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human Collagen V alpha2.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	COL5A2
Alternative Name:	COL5A2 (COL5A2 Products)
Background:	Background: Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin. Type V collagen is a key determinant in the assembly of tissue-specific matrices By similarity.

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Target Details

	Hillier L.W., Nature 434:724-731(2005). Valkkila M., Matrix Biol. 20:357-366(2001). Greenspan D.S., Gene Expr. 1:29-39(1991). Aliases: COL5A2Collagen alpha-2(V) chain antibody
UniProt:	P05997

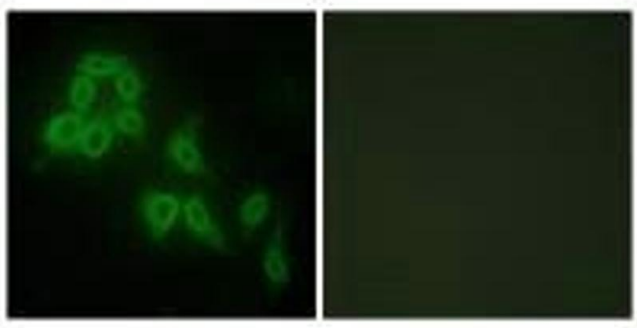
Application Details

Application Notes:	IHC:1:50-1:100, IF:1:100-1:500,
Restrictions:	For Research Use only

Handling

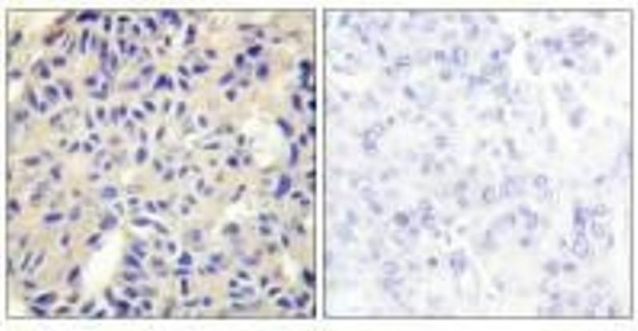
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells, using Collagen V α2 antibody.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Collagen V α2 antibody.

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