

Collagen V α 3 Antibody

Catalog No: #34207

Package Size: #34207-1 50ul #34207-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

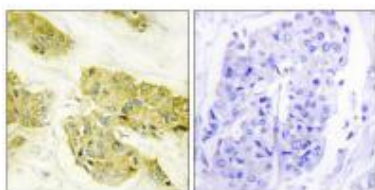
Product Name	Collagen V α 3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Collagen V α 3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen V α 3.
Target Name	Collagen V α 3
Other Names	CO5A3; collagen alpha 3;
Accession No.	Swiss-Prot: P25940NCBI Gene ID: 50509
Uniprot	P25940
GeneID	50509;
SDS-PAGE MW	170kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

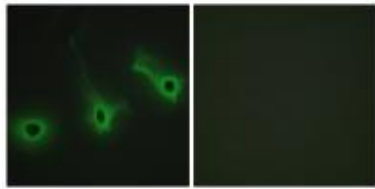
Immunofluorescence: 1:100~1:500

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Collagen V α 3 antibody #34207.

Immunofluorescence analysis of HeLa cells, using Collagen V α 3 antibody #34207.



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.

Imamura Y., J. Biol. Chem. 275:8749-8759(2000).

Mann K., Biol. Chem. Hoppe-Seyler 373:69-75(1992).

Molina H., Proc. Natl. Acad. Sci. U.S.A. 104:2199-2204(2007).

Note: This product is for in vitro research use only