Keratin 18(Ab-33) Antibody

Catalog No: #21306

Package Size: #21306-1 50ul #21306-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Keratin 18(Ab-33) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Keratin 18 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.31~35 (A-A-S-V-Y) derived from Human Keratin 18 (CK18).
Conjugates	Unconjugated
Target Name	Keratin 18
Other Names	CK 18; CK18; CYK18; Cytokeratin endo B; K18
Accession No.	Swiss-Prot: P05783NCBI Protein: NP_000215.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

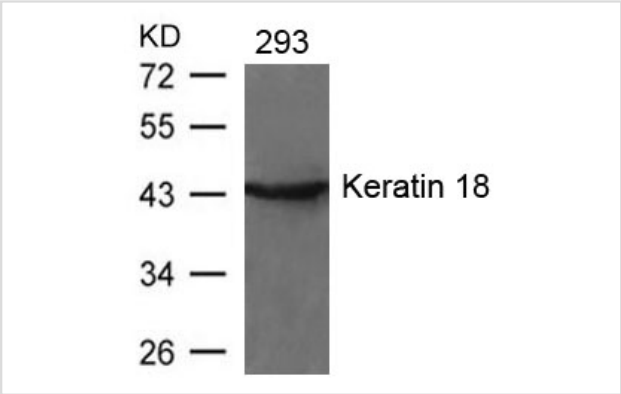
Application Details

Predicted MW: 46kd

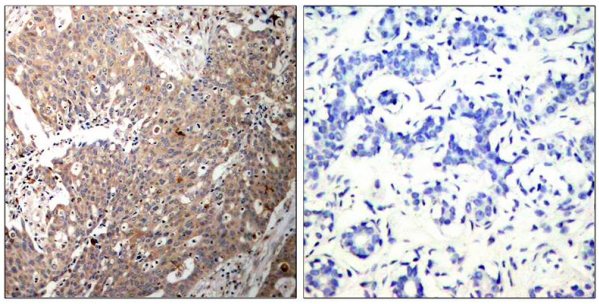
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 293 cells using Keratin 18(Ab-33) Antibody #21306.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 18(Ab-33) Antibody #21306(left) or the same antibody preincubated with blocking peptide(right).

Background

KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. utations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.

Ramaekers, F.C. and Bosman, F.T. (2004) J. Pathol. 204, 351-354.

Chang, L. and Goldman, R.D. (2004) Nat. Rev. Mol. Cell Biol. 5, 601-613.

Moll, R. et al. (1982) Cell 31, 11-24.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.