

pan-Cytokeratin antibody

Catalog No: #23032

Package Size: #23032 100ul



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

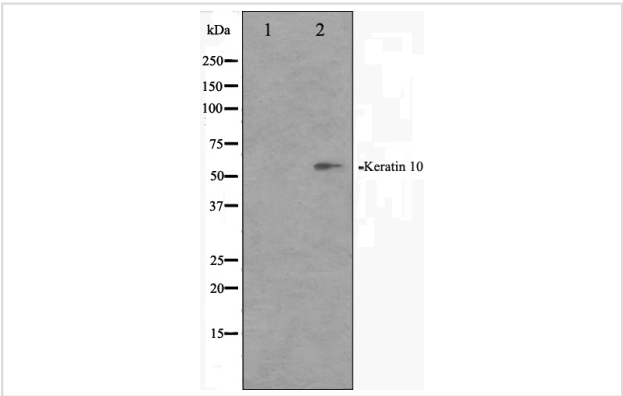
Description

Product Name	pan-Cytokeratin antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	A synthesized peptide derived from human Keratin 10
Conjugates	Unconjugated
Target Name	pan-Cytokeratin
Accession No.	NCBI Gene ID: 3858NCBI mRNA#: NM_000421NCBI Protein#: NP_000412
Concentration	1mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , 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.

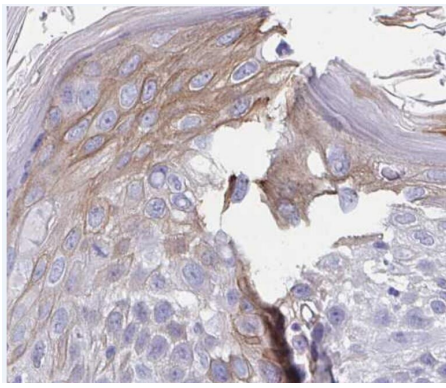
Application Details

Predicted MW: 59kd
Western blotting: 1:500-1:3000
Immunohistochemistry: 1:100-1:500

Images



Western blot analysis of extracts of hela cell lines,using Keratin 10 antibody.The lane on the left is treated with the antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue, antibody was diluted at 1:200

Background

This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21. [provided by RefSeq]

Published Papers

et al., MicroRNA-145 inhibits lung cancer cell metastasis. In Mol Med Rep on 2015 Apr by Dong-Jin Ling, Zhong-Shu Chen et al.. PMID:25483817, , (2015)

[PMID:25483817](#)

et al., Octamer-binding protein 4 affects the cell biology and phenotypic transition of lung cancer cells involving ϵ -Y-catenin/E-cadherin complex degradation. In Mol Med Rep

on 2015 Mar by Zhong-Shu Chen, Dong-Jin Ling et al.. PMID: 25420671 , , (2015)

[PMID:25420671](#)

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