

Cytokeratin 10 Rabbit mAb

Catalog No: #48912

Package Size: #48912-1 50ul #48912-2 100ul

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

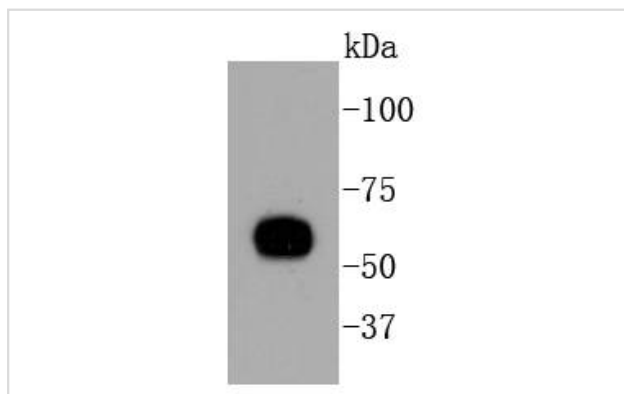
Description

Product Name	Cytokeratin 10 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	ST05-43
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	BCIE antibody BIE antibody CK 10 antibody CK-10 antibody Cytokeratin-10 antibody EHK antibody K10 antibody K1C10_HUMAN antibody Keratin 10 antibody Keratin antibody Keratin type I cytoskeletal 10 antibody Keratin type I cytoskeletal 59 kDa antibody Keratin-10 antibody Keratin10 antibody KPP antibody KRT10 antibody type I cytoskeletal 10 antibody
Accession No.	Swiss-Prot#:P13645
Uniprot	P13645
GeneID	3858;
Calculated MW	60 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

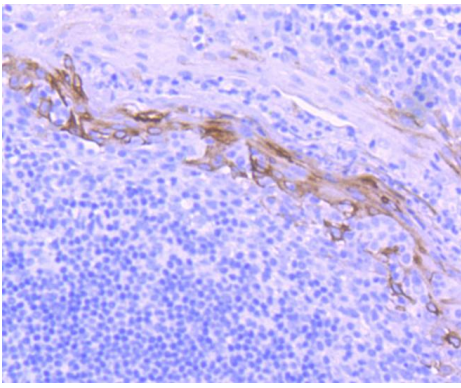
Application Details

WB: 1:1,000-5,000 IHC: 1:50-1:200 ICC: 1:50-1:200

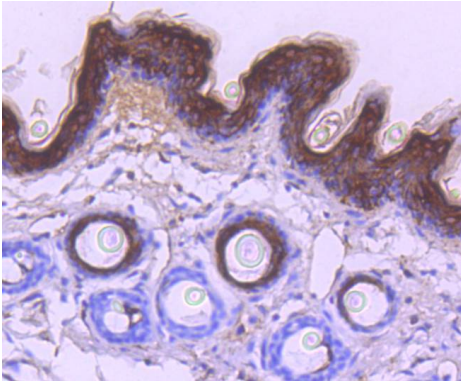
Images



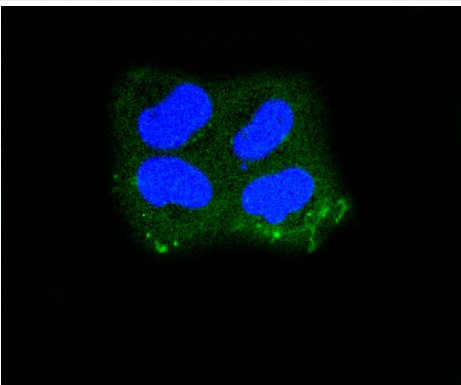
Western blot analysis of Cytokeratin 10 on HeLa cell lysates using anti-Cytokeratin 10 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Cytokeratin 10 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue using anti-Cytokeratin 10 antibody. Counter stained with hematoxylin.



ICC staining Cytokeratin 10 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue. Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epithelial cells. Cytokeratins have been found to be useful markers of tissue differentiation which is directly applicable to the characterization of malignant tumors. Cytokeratins 10 and 13 are present in the cytoskeletal region of a subset of squamous cell carcinomas. Cytokeratin 10 is a heterotetramer of two type I and two type II keratins, is generally associated with keratin 1, and is seen in all suprabasal cell layers including stratum corneum.

References

Note: This product is for in vitro research use only