Cytokeratin 15 Rabbit mAb

Catalog No: #48891

Package Size: #48891-1 50ul #48891-2 100ul

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

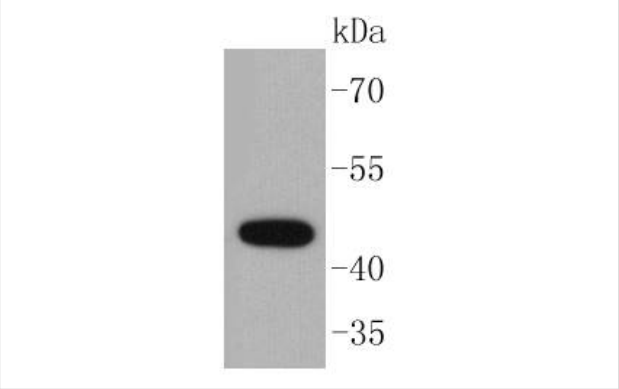
Description

Product Name	Cytokeratin 15 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	ST04-85
Purification	ProA affinity purified
Applications	WB, IHC, FC
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Other Names	AI528832 antibody CK 15 antibody CK-15 antibody CK15 antibody Cytokeratin-15 antibody Cytokeratin15 antibody K15 antibody K1C15_HUMAN antibody K1CO antibody Ka15 antibody Keratin 15 antibody Keratin 15 basic antibody Keratin 15 beta antibody Keratin antibody Keratin complex 1 acidic gene 15 antibody Keratin type I cytoskeletal 15 antibody Keratin-15 antibody Keratin15 antibody KRT 15 antibody Krt1-15 antibody KRT15 antibody KRTB antibody KRTL15 antibody Type I cytoskeletal 15 antibody Type I keratin Ka15 antibody
Accession No.	Swiss-Prot#:P19012
Uniprot	P19012
GeneID	3866;
Calculated MW	45 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

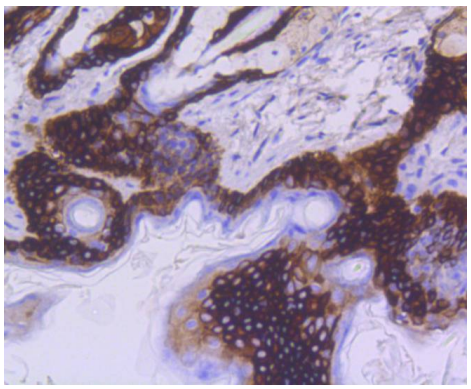
Application Details

WB: 1:1,000-1:2,000 IHC:1:50-1:200 FC: 1:50-1:100

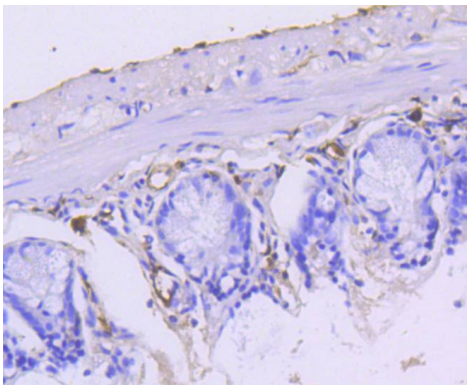
Images



Western blot analysis of Cytokeratin 15 on A431 cell lysates using anti-Cytokeratin 15 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue using anti-Cytokeratin 15 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-Cytokeratin 15 antibody. Counter stained with hematoxylin.

Background

Cytokeratin 15 (CK15, K15, K1CO, keratin15, type I cytoskeletal 15) is an intermediate filament (IF) type I protein that is responsible for the mechanical integrity of epithelial cells. Keratin family members are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains, and are clustered in a region on chromosome 17q21.2. Cytokeratin 15 is a specific marker of stem cells of the hair-follicle bulge and may be a useful marker for diagnosis between basal cell carcinoma and trichoepithelioma. Trichoblastoma are benign neoplasms of follicular differentiation frequently found in nevus sebaceus. Many morphologic features are shared with nodular basal cell carcinoma, sometimes rendering a diagnosis difficult. Trichoblastoma and BCC show variable expression of Cytokeratin 15 and Cytokeratin 19, and absence of hair keratins.

References

Note: This product is for in vitro research use only