

Rabbit Cytokeratin 10 Monoclonal Antibody | anti-KRT10 antibody

Cytokeratin 10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312241	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

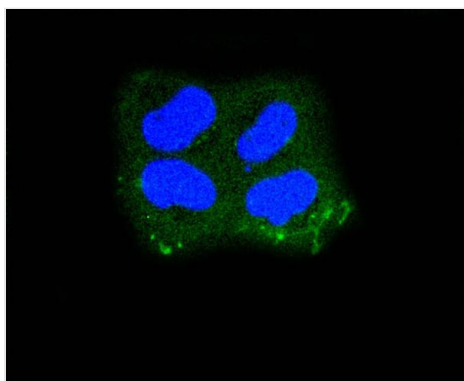
PRODUCT SYNONYMS

Cytokeratin 10; Monoclonal Antibody; Cytokeratin 10 Antibody; 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; anti-KRT10 antibody

PRODUCT SPECIFICATIONS

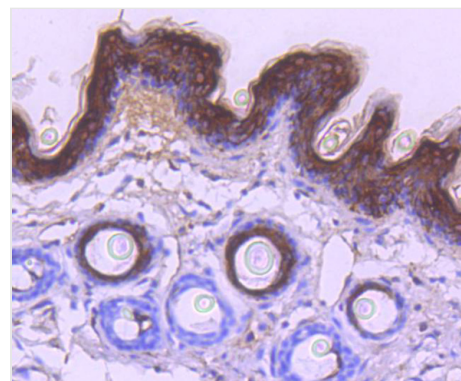
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	ST05-43
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-KRT10 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



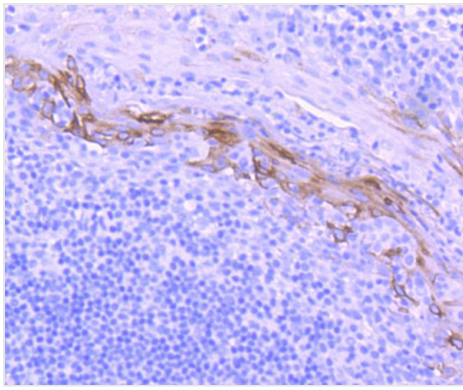
ICC (Immunocytochemistry)

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.



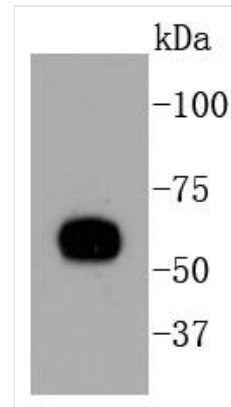
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-KRT10 antibody	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.
Product Categories/Family for anti-KRT10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972866
NCBI GeneID	3858
NCBI Accession #	NP_000412.3
NCBI GenBank Nucleotide #	NM_000421.3
UniProt Accession #	P13645; Q14664; Q8N175
Molecular Weight	58,827 Da
NCBI Official Full Name	keratin, type I cytoskeletal 10
NCBI Official Synonym Full Names	keratin 10
NCBI Official Symbol	KRT10
NCBI Official Synonym Symbols	BIE; EHK; K10; KPP; BCIE; CK10
NCBI Protein Information	keratin, type I cytoskeletal 10; CK-10; keratin-10; cytokeratin 10
UniProt Protein Name	Keratin, type I cytoskeletal 10
UniProt Gene Name	KRT10
UniProt Synonym Gene Names	KPP; CK-10; K10
UniProt Entry Name	K1C10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

