



Rabbit Anti-KRT10 monoclonal antibody, clone TU16-54 (DCABH-7567)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Cytokeratin 10
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TU16-54
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	60 kDa
Cellular Localization	Cytoplasm.
Positive Control	Hela, human tonsil tissue, mouse skin tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
----------------	--

BACKGROUND

Introduction	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.
Keywords	BCIE;BIE;CK 10;CK-10;Cytokeratin-10;EHK;K10;K1C10_HUMAN;Keratin 10;Keratin;Keratin type i cytoskeletal 10;Keratin type I cytoskeletal 59 kDa;Keratin-10;Keratin10;KPP;KRT10;type I cytoskeletal 10 antibody
