

Datasheet for ABIN4949584
anti-KRT15 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	KRT15
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

Product Details

Immunogen:	A 17 amino acid sequence from the C- terminal of human CK15 was used as the immunogen for the Keratin 15 antibody.
Clone:	LHK15
Isotype:	IgG2a kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	KRT15
Alternative Name:	Cytokeratin 15 (KRT15 Products)

Target Details

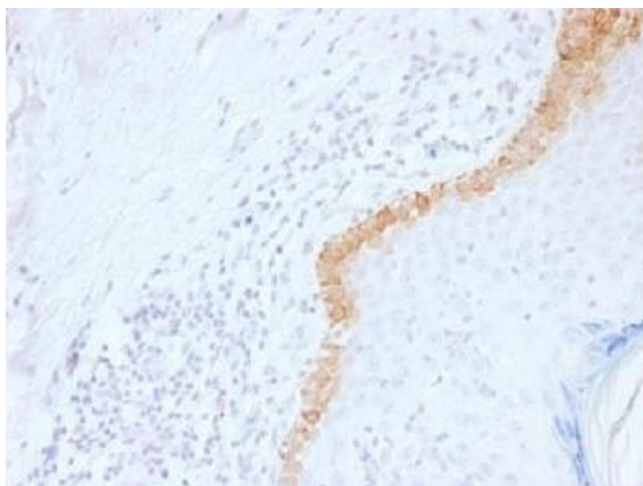
Background:	Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratin 15 is a type I keratin which is expressed only in basal keratinocytes in stratified epithelia and does not appear to have a natural type II expression partner. Keratin 15 is down regulated in activated keratinocytes. 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 (BCC) and trichoepithelioma. Trichoblastoma are benign neoplasms of follicular differentiation frequently found in nevus sebaceous. 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.
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Application Details

Application Notes:	Optimal dilution of the Keratin 15 antibody should be determined by the researcher.\. Flow Cytometry: 0.5-1 µg/million cells in 0.1ml,Immunofluorescence: 1-2 µg/mL,WB: 0.5-1 µg/mL,Immunohistochemistry (FFPE & Frozen): 0.5-1 µg/mL for 30 min at RT
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the Keratin 15 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



Immunohistochemistry

Image 1. IHC testing of FFPE human skin with Keratin 15 antibody (clone LHK15). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min.