

Datasheet for ABIN6937666

Recombinant anti-KRT15 antibody



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Overview

Quantity:	100 µg
Target:	KRT15
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This KRT15 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant human full-length KRT15 protein
Clone:	KRT15-2103R
Isotype:	IgG
Specificity:	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. KRT15 is downregulated in activated keratinocytes. It 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.

Product Details

Cross-Reactivity (Details):	Human. Rat. Cow.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	KRT15
Alternative Name:	KRT15 (KRT15 Products)
Background:	CK15, Cytokeratin 15, K1CO, Ka15, Keratin 15 basic, Keratin 15 beta, Keratin complex 1 acidic gene 15, Keratin type I cytoskeletal 15, KRT15, KRTB, KRTL15, Type I cytoskeletal 15, Type I keratin Ka15,Cytokeratin 15 (Esophageal Squamous Cell Carcinoma Marker) Cellular localisation: Cytoplasmic
Molecular Weight:	52kDa
Gene ID:	3866, 654570
UniProt:	P19012

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: HeLa, A431 cells. Skin or Colon.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months