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anti-Keratin 3 antibody



Go to Product page

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Quantity:	100 μg	
Target:	Keratin 3 (KRT3)	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This Keratin 3 antibody is un-conjugated	
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))	

Product Details

Immunogen:	Recombinant full-length human KRT3 protein	
Clone:	KRT3-2130	
Isotype:	IgG1 kappa	
Specificity:	The protein encoded by this gene is a member of the keratin gene family. The type II	
	cytokeratins consist of basic or neutral proteins, which are arranged in pairs of heterotypic	
	keratin chains co-expressed during differentiation of simple and stratified epithelial tissues.	
	This type II cytokeratin is specifically expressed in the corneal epithelium with family member	
	KRT12 and mutations in these genes have been associated with Meesmann's Corneal	
	Dystrophy.	
Cross-Reactivity (Details):	Human.	
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.	

Target Details

Target:	Keratin 3 (KRT3)	
Alternative Name:	KRT3 (KRT3 Products)	
Background:	65 kDa cytokeratin, CK3, Cytokeratin-3, K3, Keratin type II Cytoskeletal-3, Keratin-3, KRT3,Cytokeratin 3 (KRT3) (Corneal Epithelial Marker) Cellular localisation: Cytoplasmic	
Molecular Weight:	65kDa	
Gene ID:	38550, 680652	
UniProt:	P12035	

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes 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: A431 cells. Cornea or Skin.
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