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Datasheet for ABIN6262782

anti-Cytokeratin 19 antibody (Internal Region)

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Overview

Quantity:	100 µL
Target:	Cytokeratin 19 (KRT19)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	A synthesized peptide derived from human Cytokeratin 19, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	Cytokeratin 19 Antibody detects endogenous levels of total Cytokeratin 19.
Predicted Reactivity:	Bovine,Rabbit,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Cytokeratin 19 (KRT19)
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Target Details

Alternative Name:	KRT19 (KRT19 Products)
Background:	Description: Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. Gene: KRT19
Molecular Weight:	44kDa
Gene ID:	3880
UniProt:	P08727

Application Details

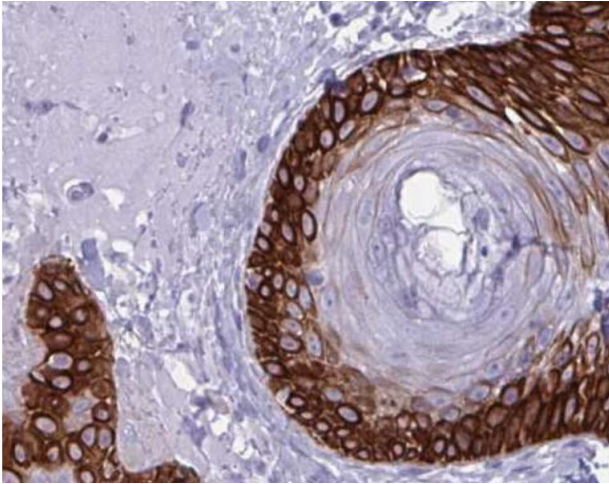
Application Notes:	WB: 1:500-1:3000, IHC: 1:50-1:200, IF/ICC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

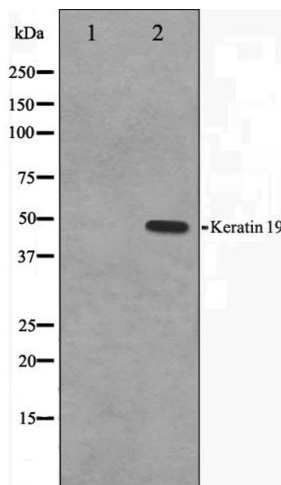
Publications

Product cited in:	Li, Meng, Zhang, Wang, Yang, Niu, Cui, Wang, Liu, Rao: "Testosterone improves erectile function through inhibition of reactive oxygen species generation in castrated rats." in: PeerJ , Vol. 4, pp. e2000, (2016) (PubMed).
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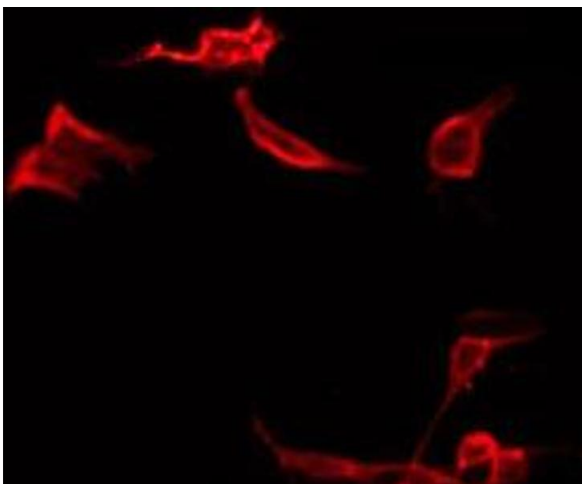
Immunohistochemistry

Image 1. ABIN6266572 at 1/500 staining human colon cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis on LOVO cell lysate using Keratin 19 Antibody. The lane on the left is treated with the antigen-specific peptide.



Immunofluorescence (fixed cells)

Image 3. ABIN6266572 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.