



Datasheet for ABIN6939921

Recombinant anti-KRT16 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	KRT16
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This KRT16 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant fragment from the C-terminal of human Cytokeratin 16
Clone:	KRT16-2043R
Isotype:	IgG
Purification:	Purified by Protein A/G

Target Details

Target:	KRT16
Alternative Name:	KRT16 (KRT16 Products)
Background:	Cytokeratins are a family of intermediate filament proteins that assemble into filaments

Target Details

through forming heterodimers of one type I Cytokeratins (Cytokeratins 9 to 23) and one type II Cytokeratins (keratins 1 to 8). The cytokeratin proteins play a critical role in differentiation, as well as tissue specialization and function, to maintain the overall structural integrity of epithelial cells. Cytokeratins are also useful markers in identifying the origin of metastatic tumors. Cytokeratin 16 is expressed in benign stratified squamous epithelium and squamous cell carcinoma of the head and neck, as well as luminal cells of mammary gland and sweat ducts. It is absent in non-invasive breast carcinomas and normal breast tissue.

Molecular Weight: 48kDa

Gene ID: 3868

UniProt: [P08779](#)

Application Details

Application Notes: Positive Control: HeLa cells. Tonsil, Skin. Bladder or Cervix.
Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

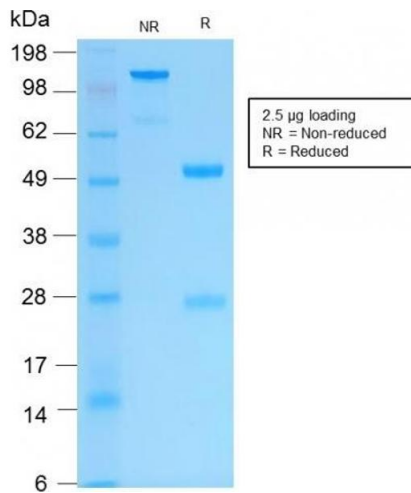
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

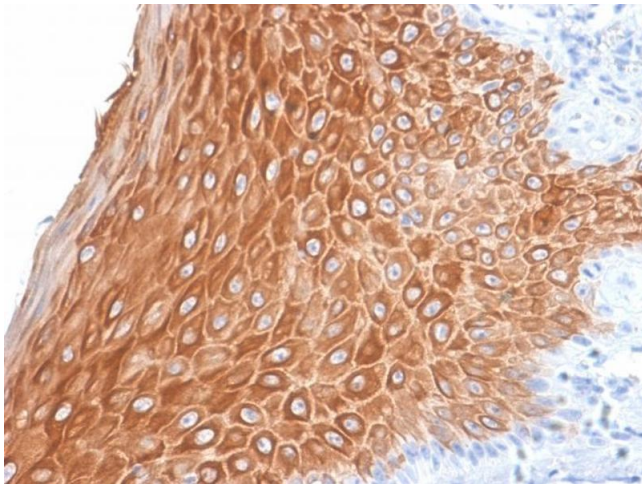
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Cytokeratin 16 Rabbit Recombinant Monoclonal Antibody (KRT16/2043R).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin 16 Rabbit Recombinant Monoclonal Antibody (KRT16/2043R).