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Datasheet for ABIN6939917  
**anti-KRT16 antibody (C-Term)**

2 Images

Overview

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

Product Details

Immunogen:	A synthetic peptide from the C-terminal of human Cytokeratin 16
Clone:	LL025
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	KRT16
Alternative Name:	KRT16 ( <a href="#">KRT16 Products</a> )
Background:	Cytokeratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I Cytokeratins (Cytokeratins 9 to 23) and one type II

## Target Details

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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.

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Molecular Weight: 48kDa

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Gene ID: 3868

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UniProt: [P08779](#)

## Application Details

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Application Notes: Positive Control: HeLa cells. Tonsil, Skin. Bladder or Cervix.  
Known Application: Immunohistochemistry (Formalin-fixed) (1-2 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.

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Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

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

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Preservative: Sodium azide

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

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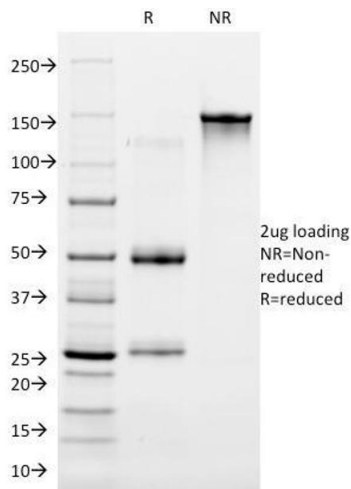
Storage: 4 °C,-80 °C

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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.

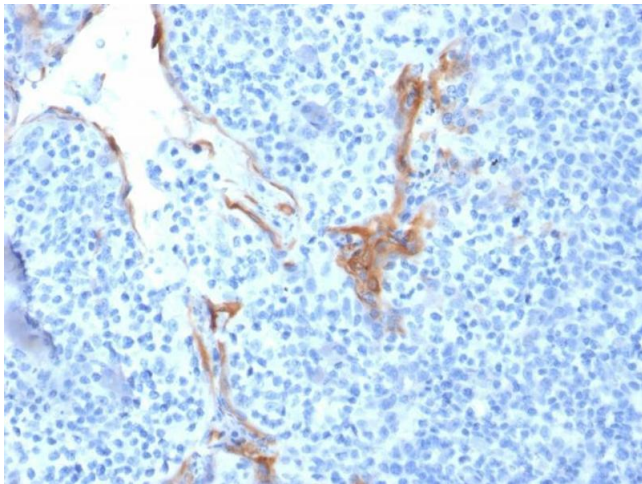
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Expiry Date: 24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Cytokeratin 16 Mouse Monoclonal Antibody (LL025). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Tonsil stained with Cytokeratin 16 Mouse Monoclonal Antibody (LL025).