

Datasheet for ABIN308470

## anti-Cytokeratin 13 antibody (C-Term)

### 2 Images



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### Overview

Quantity:	100 µg
Target:	Cytokeratin 13 (KRT13)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Purpose:	KRT13
Immunogen:	Peptide with sequence C-TSNASGRRTSDVRRP, from the C Terminus of the protein sequence according to NP_705694.2.
Sequence:	TSNASGRRTS DVRRP
Isotype:	IgG
Specificity:	This antibody is expected to recognize the reported isoform a (NP_002265.2) only.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

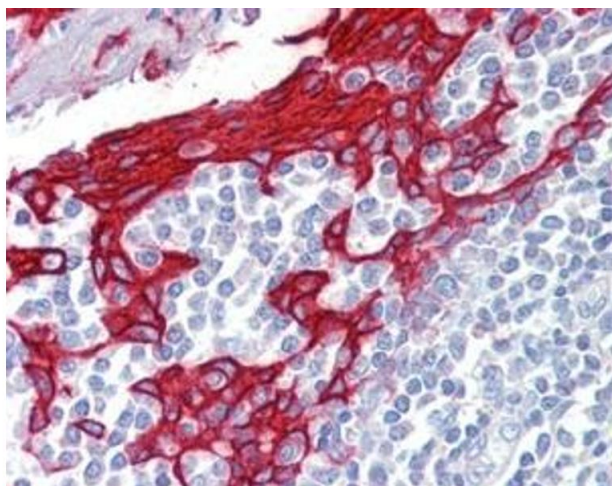
Target:	Cytokeratin 13 (KRT13)
Alternative Name:	KRT13 ( <a href="#">KRT13 Products</a> )
Background:	KRT13, keratin 13, CK13, K13, MGC161462, MGC3781, cytokeratin 13, keratin, type I cytoskeletal 13
Gene ID:	3860
NCBI Accession:	<a href="#">NP_705694</a>

## Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Tonsil shows strong layered, filamentous staining. Recommended concentration, 2-4 µg/mL.</p> <p>Western Blot: Approx. 55 kDa band observed in Human Lung, Skeletal Muscle and Skin lysates (calculated MW of 49.6 kDa according to NP_705694.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Sajjan,</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Restrictions:	For Research Use only

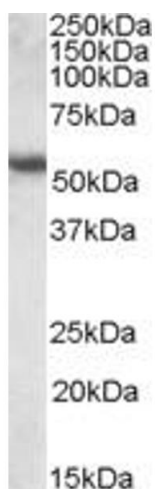
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



#### Immunohistochemistry

**Image 1.** ABIN308470 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



**Image 2.** ABIN308470 (0.1µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.