

Datasheet for ABIN6939877  
**anti-Cytokeratin 7 antibody**

## 4 Images

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## Overview

Quantity:	100 µg
Target:	Cytokeratin 7 (KRT7)
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 7 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant full-length human KRT7 protein (KRT7/760), OTN 11, ovarian carcinoma cell line (OV-TL12/30)
Clone:	KRT7-760-OV-TL12-30
Isotype:	IgG1 kappa
Specificity:	It recognizes an intermediate filament protein (IFP) of 55 kDa, which is identified as cytokeratin 7. This MAb is highly specific to cytokeratin 7 and shows no cross-reaction with other IFPs. Cytokeratin 7 is a basic cytokeratin, which is found in most glandular and transitional epithelia but not in the stratified squamous epithelia. Keratin 7 is expressed in the epithelial cells of ovary, lung, and breast but not of colon, prostate, or gastrointestinal tract. This MAb is highly useful in distinguishing ovarian carcinomas (keratin 7+) from colon carcinomas (keratin 7-).
Purification:	Purified by Protein A/G

## Target Details

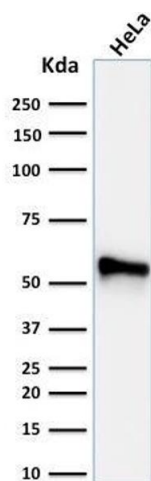
Target:	Cytokeratin 7 (KRT7)
Alternative Name:	KRT7 ( <a href="#">KRT7 Products</a> )
Molecular Weight:	55kDa
Gene ID:	3855
UniProt:	<a href="#">P08729</a>

## Application Details

Application Notes:	Positive Control: HeLa cells. Carcinoma of ovary, lung, cervix or breast. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes 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

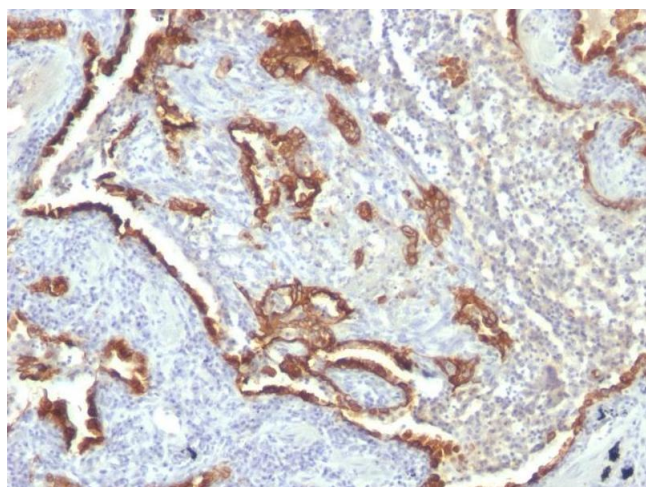
## Handling

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



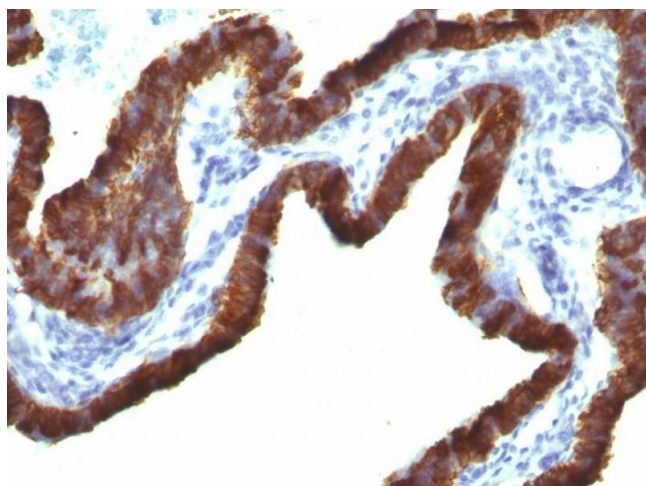
#### Western Blotting

**Image 1.** Western Blot Analysis of human HeLa cell lysate using Cytokeratin 7 Mouse Monoclonal Antibody (KRT7/760 + OV-TL12/30)



#### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Cytokeratin 7 Monoclonal Antibody (KRT7/760 + OV-TL12/30)



#### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with Cytokeratin 7 Monoclonal Antibody (KRT7/760 + OV-TL12/30)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6939877.