

Datasheet for ABIN6939871
anti-Cytokeratin 7 antibody

6 Images

[Go to Product page](#)

Overview

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

Product Details

Immunogen:	OTN 11, ovarian carcinoma cell line
Clone:	OV-TL12-30
Isotype:	IgG1 kappa
Specificity:	<p>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.</p> <p>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-).</p>
Purification:	Purified by Protein A/G

Target Details

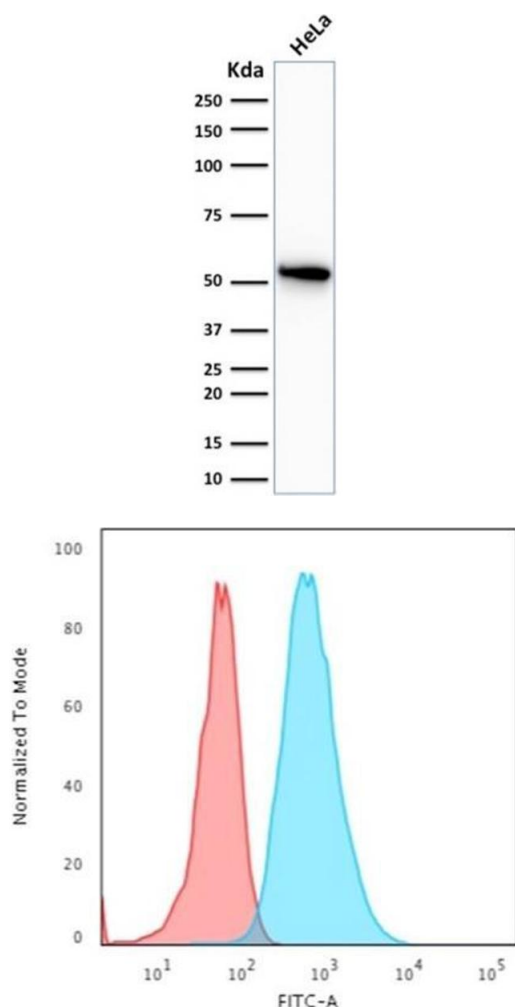
Target:	Cytokeratin 7 (KRT7)
Alternative Name:	KRT7 (KRT7 Products)
Molecular Weight:	55kDa
Gene ID:	3855
UniProt:	P08729

Application Details

Application Notes:	Positive Control: HeLa cells. Carcinoma of ovary, lung, cervix or breast. Known Application: Western Blot (1-2 µg/mL), Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), 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.
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

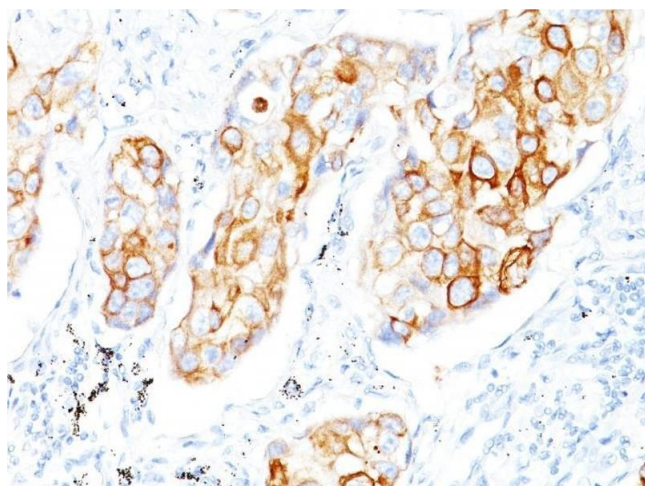


Western Blotting

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

Flow Cytometry

Image 2. Flow Cytometric Analysis of HeLa cells using Cytokeratin 7 Mouse Monoclonal Antibody (OV-TL12/30) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Lung SCC stained with Cytokeratin 7 Mouse Monoclonal Antibody (OV-TL12/30)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN6939871.