

Datasheet for ABIN6939946
anti-Cytokeratin 19 antibody

9 Images



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Overview

Quantity:	100 µg
Target:	Cytokeratin 19 (KRT19)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human KRT19 protein
Clone:	KRT19-799
Isotype:	IgG2a kappa
Specificity:	Recognizes a protein of 40 kDa, identified as cytokeratin-19 (CK19), which is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical epithelium. Anti-CK19 reacts with a wide variety of epithelial malignancies including adenocarcinomas of the colon, stomach, pancreas, biliary tract, liver, and breast. Perhaps the most useful application is the identification of thyroid carcinoma of the papillary type, although 50 % -60 % of follicular carcinomas are also labeled. Anti-CK19 is a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer.

Product Details

Purification: Purified by Protein A/G

Target Details

Target: Cytokeratin 19 (KRT19)

Alternative Name: KRT19 ([KRT19 Products](#))

Molecular Weight: 40kDa

Gene ID: 3880

UniProt: [P08727](#)

Application Details

Application Notes: Positive Control: MCF-7, HeLa, Hep-G2 cells, Breast Cancer.
Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (0.5-2 µg/mL), 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.

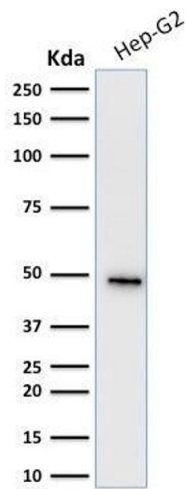
Preservative: Sodium azide

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

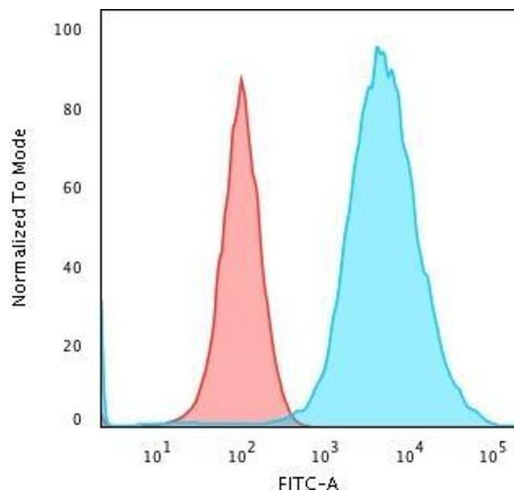
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



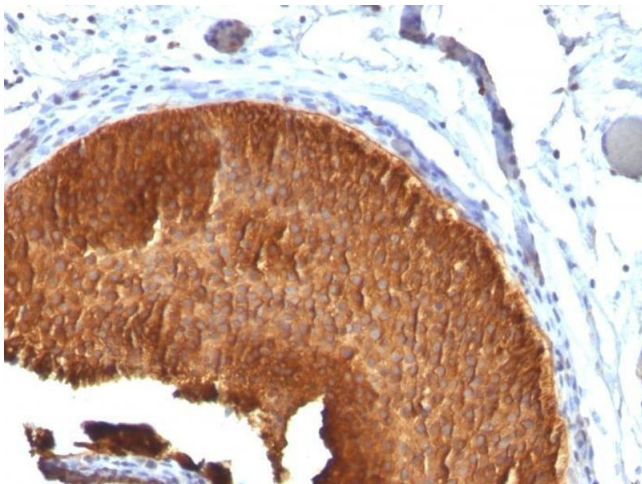
Western Blotting

Image 1. Western Blot Analysis of human Hep-G2 cell lysate using Cytokeratin 19 Mouse Monoclonal Antibody (KRT19/799).



Flow Cytometry

Image 2. Flow Cytometric Analysis of MeOH-fixed MCF-7 cells using Cytokeratin 19 Mouse Monoclonal Antibody (KRT19/799) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Bladder Carcinoma stained with Cytokeratin 19 Mouse Monoclonal Antibody (KRT19/799).

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN6939946.