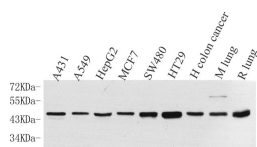


CK-19 Polyclonal Antibody

Catalog No.	E-AB-70083	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

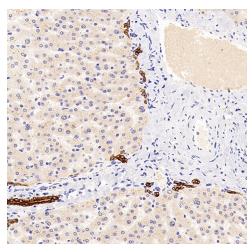
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images

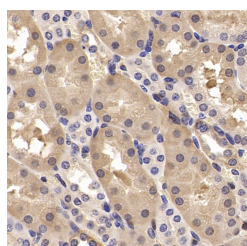


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Western Blot analysis of various samples using CK-19 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded human liver using CK-19 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using CK-19 Polyclonal Antibody at dilution of 1:300.

Immunogen Information

Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Cytokeratin 19
Swissprot	P08727,P19001,Q63279
Synonyms	KRT19, CK19, K19, K1CS, keratin 19

Product Information

Calculated MW	44kDa
Observed MW	44kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:200-1:800

Background

The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells. KRT19, one of type I keratins, is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis. Due to its high sensitivity, KRT19 is the most used marker for detection of tumor cells disseminated in lymph nodes, peripheral blood, and bone marrow of breast cancer patients. This antibody, generated against full length KRT19 protein, also recognizes KRT17, another type I keratin homologous to KRT19. KRT17 is used as a marker for trauma.

For Research Use Only

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.