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cytokeratin 19 Antibody (C-Term)

Peptide-affinity purified goat antibody

Catalog # AF4071a

Specification

cytokeratin 19 Antibody (C-Term) - Product Information

Application	**WB, IHC**
Primary Accession	P08727
Other Accession	NP_002267.2, 3880
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**44106**

cytokeratin 19 Antibody (C-Term) - Additional Information

Gene ID 3880

Other Names
Keratin, type I cytoskeletal 19, Cytokeratin-19, CK-19, Keratin-19, K19, KRT19

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
cytokeratin 19 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

cytokeratin 19 Antibody (C-Term) - Protein Information

Name KRT19

Function
Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

Tissue Location
Expressed in a defined zone of basal keratinocytes in the deep outer root sheath of hair follicles. Also observed in sweat gland and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium (at protein level). Expressed in epidermal basal cells, in nipple epidermis and a defined region of the

hair follicle. Also seen in a subset of vascular wall cells in both the veins and artery of human umbilical cord, and in umbilical cord vascular smooth muscle. Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma in structures that contain dystrophin and spectrin.

cytokeratin 19 Antibody (C-Term) - Protocols

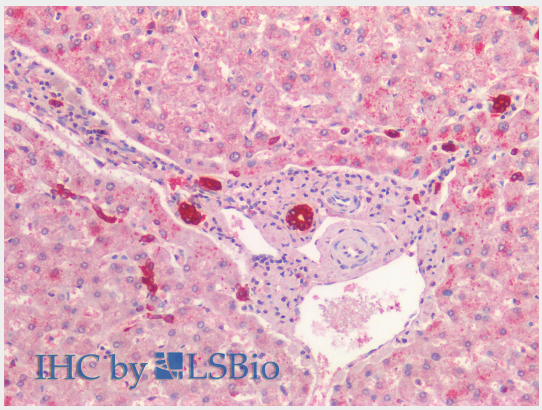
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

cytokeratin 19 Antibody (C-Term) - Images



E12359 (0.1µg/ml) staining of Human Breast cancer lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



AF4071a (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with

citrate buffer pH 6, AP-staining.

cytokeratin 19 Antibody (C-Term) - References

Full-length cytokeratin-19 is released by human tumor cells: a potential role in metastatic progression of breast cancer. Alix-Panabières C, Vendrell JP, Slijper M, Pellé O, Barbotte E, Mercier G, Jacot W, Fabbro M, Pantel K. Breast cancer research : BCR 2009 11 (3): R39. PMID: 19549321