

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-1389: Monoclonal Antibody to Cytokeratin 19 (KRT19) (Pancreatic Stem Cell Marker)(Clone: KRT19/799)

Clone Name: Monoclonal

Clone Name: KRT19/799

Application: FACS,IF,WB,IHC

Reactivity: Human
Gene: KRT19
Gene ID: 3880
Uniprot ID: P08727
Format: Purified
Alternative Name: KRT19

Isotype: Mouse IgG2a, lambda

Immunogen Information: Recombinant human KRT19 protein

Description

Recognizes a protein of 40kDa, 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 Info

Amount: 100 μg

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

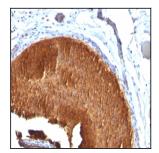
toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml);Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

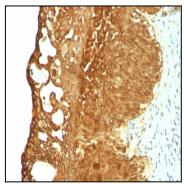


Formalin-fixed, paraffin-embedded human Bladder Carcinoma stained with Cytokeratin 19 Monoclonal Antibody (KRT19/799)

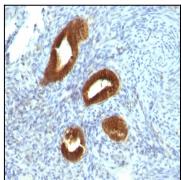


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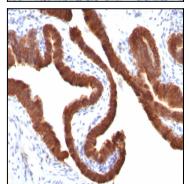
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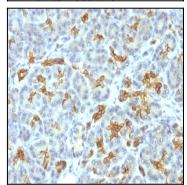
Formalin-fixed, paraffin-embedded human Cervical Carcinoma stained with Cytokeratin 19 Monoclonal Antibody (KRT19/799)



Formalin-fixed, paraffin-embedded human Endometrial Carcinoma stained with Cytokeratin 19 Monoclonal Antibody (KRT19/799)



Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with Cytokeratin 19 Monoclonal Antibody (KRT19/799)



Formalin-fixed, paraffin-embedded human Pancreas stained with Cytokeratin 19 Monoclonal Antibody (KRT19/799)