

### 36-1391: Monoclonal Antibody to Cytokeratin 19 (KRT19) (Pancreatic Stem Cell Marker)(Clone : Ks19.1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	Ks19.1
<b>Application :</b>	WB,FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	KRT19
<b>Gene ID :</b>	3880
<b>Uniprot ID :</b>	P08727
<b>Format :</b>	Purified
<b>Alternative Name :</b>	KRT19
<b>Isotype :</b>	Mouse IgG2a, lambda
<b>Immunogen Information :</b>	Human breast cancer MCF-7 cells

#### Description

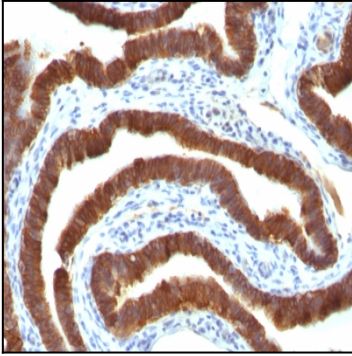
This MAb reacts with the rod domain of human cytokeratin-19 (CK19), a polypeptide of 40kDa. Its epitope maps between amino acid 312-335. CK19 is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical 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

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	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

Western Blot (1-2ug/ml); Flow Cytometry (1-2ug/million cells); Immunofluorescence (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 Ovarian Carcinoma stained with Cytokeratin 19 Ab (Ks19.1).