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36-11091: Monoclonal Antibody to Cytokeratin, Basic (Type II or HMW) (Epithelial Marker)(Clone: 34BE12)

Clonality: Monoclonal Clone Name: 34BE12

Application: FACS, IF, WB, IHC Reactivity: Human, Mouse, Rat

Gene: KRT76 Gene ID: 51350 **Uniprot ID:** Q01546 Format: Purified

KRT76,KRT2B,KRT2P **Alternative Name:** Mouse IgG1, kappa Isotype:

Immunogen Information: Solubilized keRatin extract from human stRatum corneum

Description

This antibody recognizes CK1, CK5, CK10 and CK14. In normal epithelia, it stains stratified epithelia, myoepithelial cells and basal cells in the prostate gland and bronchi. This MAb shows no reactivity with hepatocytes, pancreatic acinar cells, proximal renal tubules, or endometrial glands; there is no reactivity with cells derived from simple epithelia. Mesenchymal tumors, lymphomas, melanomas, neural tumors, and neuroendocrine tumors are negative with this antibody. It stains myoepithelial cells and has been shown to be useful in distinguishing prostate adenocarcinoma from benign prostate. This antibody has also been useful in separating benign from malignant intraductal breast proliferations.

Product Info

Amount: 100 µg

Purification: Affinity Chromatography

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

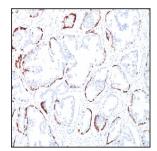
toxic.

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

repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/mil); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (0.25-0.5ug/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);

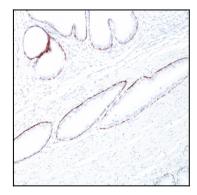


Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with Cytokeratin, HMW Monoclonal Antibody (34BE12).



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