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36-11115: Monoclonal Antibody to Cytokeratin, Acidic (Type I or LMW) (Epithelial Marker) (Clone: KRTL/1077)

Clone Name : Monoclonal

KRTL/1077

Application : IHC

Reactivity: Human, Rat

Gene: KRT77

Gene ID: 374454

Uniprot ID: Q7Z794

Format: Purified

Alternative Name: KRT77,KRT1B

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human KRT77 protein

Description

This MAb recognizes the 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19) keratins of the acidic (Type I or LMW) subfamily. Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pl 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50, 48, 46, 45, and 40kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

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

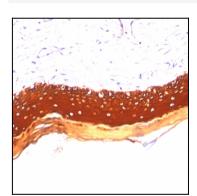
toxic.

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

Immunohistochemistry (Formalin-fixed) (0.1-0.2ug/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);

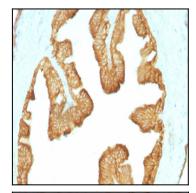


Formalin paraffin human Skin stained with Cytokeratin, LMW Monoclonal Antibody (KRTL/1077).

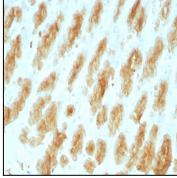


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Formalin paraffin Rat Oviduct stained with Cytokeratin, HMW Monoclonal Antibody (KRTL/1077).



Formalin paraffin Rat Stomach with Cytokeratin, HMW Monoclonal Antibody (KRTL/1077).