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36-11025: Monoclonal Antibody to Cytokeratin, Multi (Epithelial Marker)(Clone: KRT/457)(Discontinued)

Monoclonal Clonality: Clone Name: KRT/457

Application: FACS, IF, WB, IHC

Reactivity: Human, Monkey, Bovine, Pig, Goat, Rat, Mouse, Guinea pig, Frog

Gene: Gene ID: 3853 **Uniprot ID:** P02538 Format: Purified

KRT6A,K6A,KRT6D **Alternative Name:**

Mouse IgG1 Isotype:

Immunogen Information: KeRatin-enriched prepaRation from cultured human epithelial cells

Description

Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pl 6.0) subfamilies. This antibody recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, including 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 53kDa (CK13) and 45kDa (CK18). This is a broad-spectrum antibody, which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

Product Info

Amount: 100 µg

Purification: Affinity Chromatography

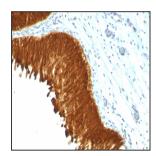
100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly Content:

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 (0.5-1µg/million cells in 0.1ml); Immunofluorescence (0.5-1.0µg/ml); Western Blot (0.5-1.0µg/ml); Immunohistology (Formalin-fixed) (0.5-1.0µg/ml for 30 min at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes); Optimal dilution for a specific application should be determined.

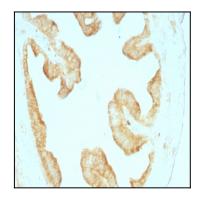


Formalin-fixed, paraffin-embedded human Bladder Carcinoma stained with Multi Cytokeratin Monoclonal Antibody (KRT/457).



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Formalin-fixed, paraffin-embedded Rat Oviduct stained with Multi Cytokeratin Monoclonal Antibody (KRT/457).