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36-1347: Monoclonal Antibody to Cytokeratin 7 (KRT7) (Glandular and Transitional Epithelial Marker)(Clone: KRT7/903)

Clonality: Monoclonal Clone Name: KRT7/903 Application: FACS, IF, IHC Reactivity: Human Gene: KRT7 Gene ID: 3855 **Uniprot ID:** P08729 Format: Purified

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant full-length human KRT7 protein

KRT7,SCL

Description

Alternative Name:

Cytokeratin 7 is a basic cytokeratin, which is found in most glandular and transitional epithelia but not in the stratified squamous epithelia. Keratin 7 is expressed in the epithelial cells of ovary, lung, and breast but not of colon, prostate, or gastrointestinal tract. Antibody to cytokeratin is useful in distinguishing ovarian carcinomas (keratin 7+) from colon carcinomas (keratin 7-).

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:

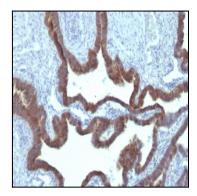
Storage condition:

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); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris Buffer 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 7 Monoclonal Antibody (KRT7/903)