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## 36-11008: Monoclonal Antibody to Cytokeratin 10/13(Clone: SPM262)

Clonality: Monoclonal Clone Name: SPM262

**Application:** FACS,IF,WB,IHC

Reactivity: Human

Gene: KRT10

Gene ID: 3858

Uniprot ID: P13645

Format: Purified

Alternative Name: KRT10,KPP

**Isotype:** Mouse IgG2a, kappa

Immunogen Information: Cytoskeletal prepaRation extracted from human ectocervical epithelium

## **Description**

This antibody recognizes cytokeratin 10 (56.5kDa) and cytokeratin 13 (53kDa) in Western blotting. It recognizes only cytokeratin 13 in formalin-fixed, paraffin-embedded tissue sections. It does not react with cytokeratin 10 positive, cytokeratin 13 negative epithelia such as epidermis. However, on frozen sections this MAb serves as differentiation-related marker of all stratified epithelia; it stains all suprabasal cells in both cornifying and non-cornifying stratified epithelia and more differentiated cells of squamous carcinomas.

## **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

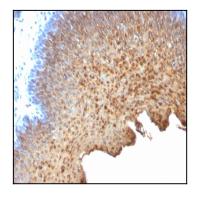
toxic.

**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**

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (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 with 1mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Tonsil stained with Cytokeratin 10/13 Monoclonal Antibody (SPM262)