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## 36-11104: Monoclonal Antibody to Ep-CAM / CD326 (Rat) (Epithelial Marker)(Clone: SPM534)

Clonality: Monoclonal Clone Name: SPM534

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

Reactivity: Rat
Gene: Epcam
Gene ID: 171577
Uniprot ID: O55159
Format: Purified

Alternative Name: Epcam,Tacstd1

Isotype: Mouse IgG1, kappa

Immunogen Information: Rat small intestine cells

## **Description**

Epitope of GZ-1 and GZ-20 monoclonal antibodies are different. EGP40 is a 40-43kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM). It is expressed on basolateral cell surface in most simple epithelia and a vast majority of 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

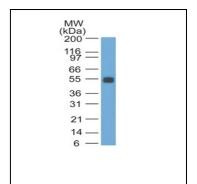
toxic.

**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 (5-10ul/million cells); Immunofluorescence (1:50-1:100); Western Blot (1:100-1:200); Immunoprecipitation (5-10ul/500ug protein lysate);Immunohistochemistry (Frozen & formalin-fixed) (1:100-1:200 for 30 min at RT)(Formalin/paraffin tissues REQUIRE digestion of tissue sections with pepsin at 1mg/ml Tris-HCl, pH 2.0 for 15 min at RT or 10 min at 37C)



Western Blot of rat Colon Lysate probed with Ep-CAM Monoclonal Antibody (SPM534).