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## 36-1403: Monoclonal Antibody to Ep-CAM / CD326 (Epithelial Marker)(Clone: SPM134)

Clonality: Monoclonal **Clone Name:** SPM134 Application: IF.IHC Reactivity: Human Gene: **EPCAM** Gene ID: 4072 **Uniprot ID:** P16422 **Purified** Format:

**Alternative Name :** EPCAM,GA733-2,M1S2,M4S1,MIC18,TACSTD1,TROP1

**Isotype:** Mouse IgG1, kappa

Immunogen Information: Small cell lung carcinoma cells

## **Description**

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 baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas. This antibody has been used to distinguish adenocarcinoma from pleural mesothelioma and hepatocellular carcinoma. This antibody is also useful in distinguishing serous carcinomas of the ovary from mesothelioma.

## **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

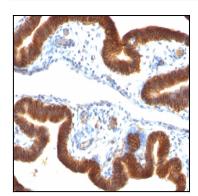
toxic.

**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**

Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT),(Staining of formalin/paraffin tissues REQUIRES digestion of tissue sections with pepsin at 1mg/ml Tris-HCl, pH 2.0 for 15 min at RT or 10 min at 37C),



Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with Ep-CAM Monoclonal Antibody (SPM134).