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## 36-11118: Monoclonal Antibody to Ep-CAM / CD326 (Rat) (Epithelial Marker)(Clone: Epcam/1158)

Clonality: Monoclonal
Clone Name: Epcam/1158

Application: IHC

Reactivity: Rat, Mouse
Gene: Epcam
Gene ID: 171577
Uniprot ID: 055159

Format: Bioreactor Concentrate

Alternative Name : Epcam, Tacstd1

Isotype : Mouse IgG1, kappa

Immunogen Information: Recombinant full-length Rat Epcam protein

## **Description**

Epitopes of Epcam/1158 and Epcam/1159 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 baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas.

## **Product Info**

Amount: 0.5 ml

Content: Bioreactor Concentrate with 0.05% Azide

Storage condition:

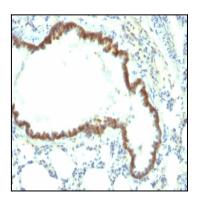
Storage condition:

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**

Immunohistochemistry (Formalin-fixed) (1:50-1:100; 30 min 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);

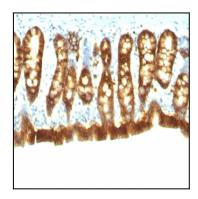


Formalin-fixed, paraffin-embedded Rat Lung stained with Ep-CAM Monoclonal Antibody (Epcam/1158).



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Formalin-fixed, paraffin-embedded Rat Colon stained with Ep-CAM Monoclonal Antibody (Epcam/1158).