

## Ep-CAM / CD326 (Rat) Antibody

Mouse Monoclonal Antibody [Clone EpCAM/1159]

Catalog No	Format	Size
RT171577-MSM2-BC0	Bioreactor Concentrate	0.1 ml
RT171577-MSM2-BC1	Bioreactor Concentrate	0.5 ml

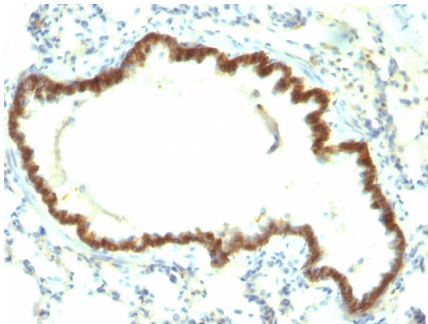
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

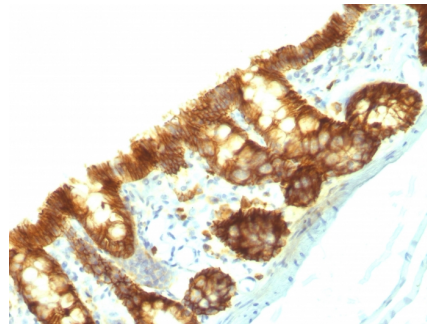
Clone	EpCAM/1159
Gene Name	EPCAM
Immunogen	Recombinant full-length Rat Epcam protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	40-43kDa
Cellular Localization	Cell junction, Lateral cell membrane, Tight junction
Species Reactivity	Mouse, Rat
Positive Control	Recombinant full-length rat Epcam protein.

*\*Optimal dilution for a specific application should be determined.*

### Product Images for Ep-CAM / CD326 (Rat) Antibody



Formalin-fixed, paraffin-embedded Rat Lung stained with Ep-CAM Monoclonal Antibody (Epcam/1159).



Formalin-fixed, paraffin-embedded Rat Colon stained with Ep-CAM Monoclonal Antibody (Epcam/1159).

#### Specificity & Comments

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.

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.