

Datasheet for ABIN6933748

anti-EpCAM antibody

2 Images



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Overview

Quantity:	0.1 mL
Target:	EpCAM (EPCAM)
Reactivity:	Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length Rat Epcam protein
Clone:	EpCAM-1159
Isotype:	IgG1 kappa
Specificity:	Epitopes of Epcam/1158 and Epcam/1159 monoclonal antibodies are different. EGP40 is a 40-43 kDa 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.
No Cross-Reactivity:	Human

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	Epcam (EPCAM Products)

Target Details

Molecular Weight:	40-43kDa
Gene ID:	171577
UniProt:	O55159

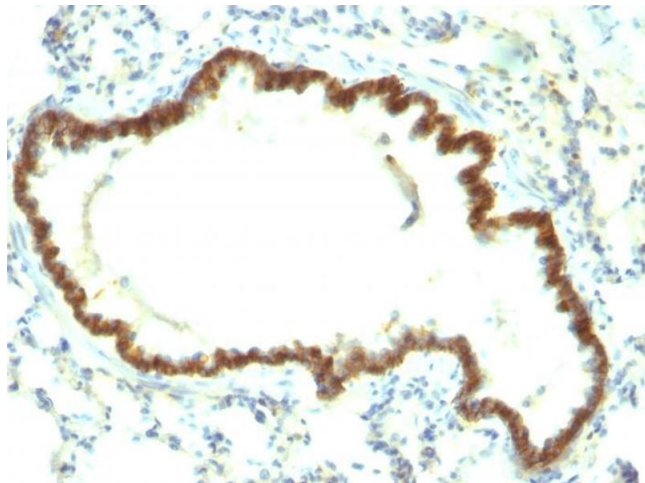
Application Details

Application Notes:	Positive Control: Recombinant full-length rat Epcam protein. Known Application: Immunohistochemistry (Formalin-fixed) (1:50-1:100, 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

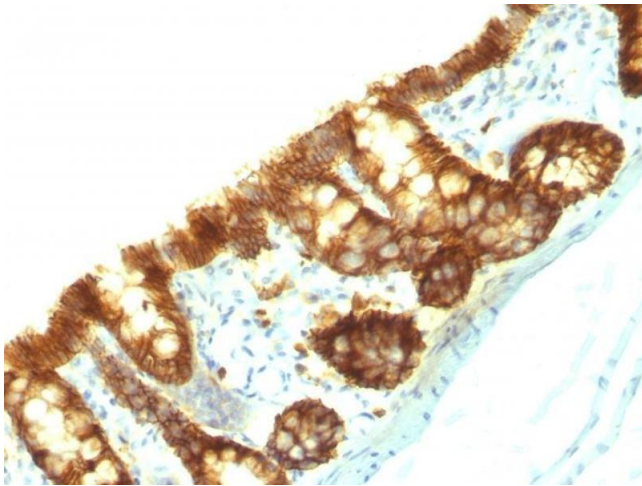
Buffer:	Bioreactor Concentrate with 0.05 % Azide. Contact us if you require it in a different format.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

Images



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded Rat Lung stained with Ep-CAM Monoclonal Antibody (Epcam/1159).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded Rat Colon stained with Ep-CAM Monoclonal Antibody (Epcam/1159).