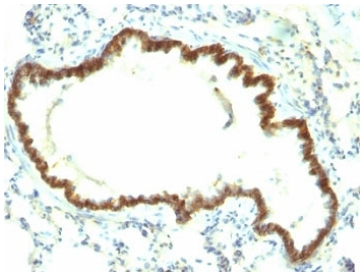
Rat EpCAM Antibody [clone Epcam/1159] (V3118S)

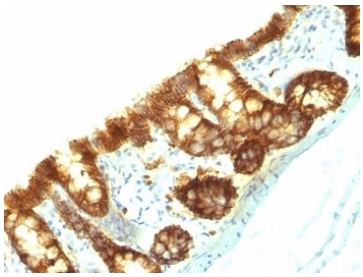
Catalog No.	Formulation	Size
V3118S-0.5ML	Bioreactor concentrate with 0.05% sodium azide	0.5 ml
V3118S-0.1ML	Bioreactor concentrate with 0.05% sodium azide	100 ul
V3118IHC-7ML	Prediluted in 1X PBS, 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat, Mouse
Format	Bioreactor concentrate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	Epcam/1159
Purity	Unpurified high titer supernatant
UniProt	O55159
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1:50-1:100 for 30 min at RT (1) Prediluted IHC Only Format : incubate for 30 min at RT (3)
Limitations	This rat EpCAM antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded rat lung stained with EpCAM antibody (Epcam/1159).



IHC: Formalin-fixed, paraffin-embedded rat colon stained with EpCAM antibody (Epcam/1159).

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.

Application Notes

Optimal dilution of the rat EpCAM antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.
2. The epitopes of mAbs Epcam/1158 and Epcam/1159 monoclonal antibodies are different.
3. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Recombinant full-length rat protein was used as the immunogen for the rat EpCAM antibody.

Storage

Store the rat EpCAM antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).