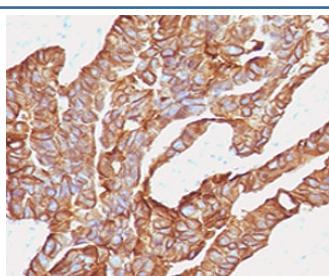


Anti-EpCAM Antibody (Extracellular domain) [clone EPM17-2] (V7241)

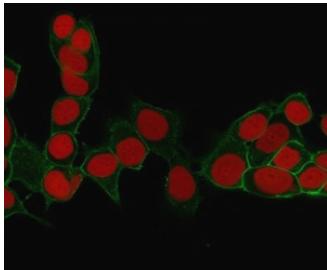
Catalog No.	Formulation	Size
V7241-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7241-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7241SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

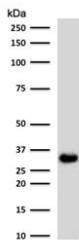
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	EPM17-2
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P16422
Localization	Cell surface, cytoplasmic
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT (1)
Limitations	This anti-EpCAM antibody is available for research use only.



IHC testing of human colorectal carcinoma with anti-EpCAM antibody (clone EPM17-2). Staining of FFPE tissue requires boiling sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



Immunofluorescent staining of human MCF-7 cells with EpCAM antibody (green, clone EPM17-2) and Reddot nuclear stain (red).



Western blot testing of human HCT116 cell lysate with EpCAM antibody (clone EPM17-2). Expected molecular weight: ~35 kDa (unmodified), 40-43 kDa (glycosylated).

Description

EpCAM may act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. [UniProt]

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the anti-EpCAM antibody to be titrated up or down for optimal performance.

Immunogen

Human partial recombinant protein (extracellular portion) was used as the immunogen for this anti-EpCAM antibody.

Storage

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

References (2)