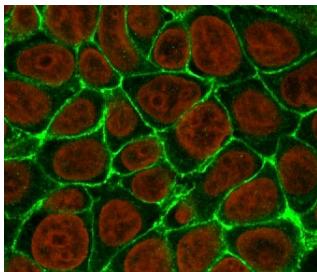


EpCAM Antibody [clone EPM17-1] (V7010)

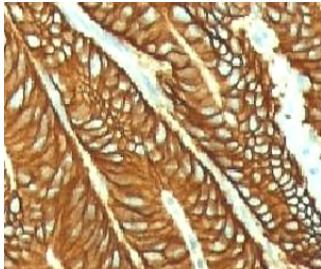
Catalog No.	Formulation	Size
V7010-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7010-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7010SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7010IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

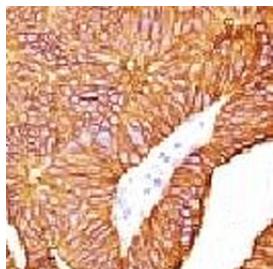
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	EPM17-1
Purity	Protein G affinity chromatography
UniProt	P16422
Localization	Cell surface, cytoplasmic
Applications	Flow Cytometry : 1-2ug/million cells in 0.1ml Western Blot : 2-4ug/ml Immunofluorescence : 1-2 ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT (1) Prediluted IHC Only Format : incubate for 30 min at RT (2)
Limitations	This EpCAM antibody is available for research use only.



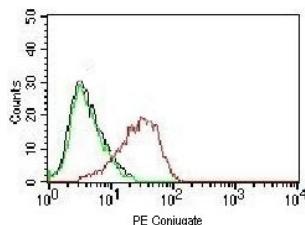
Immunofluorescent staining of human MCF7 cells with EpCAM antibody (clone EPM17-1, green) and Reddot nuclear stain (red).



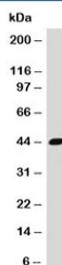
IHC testing of FFPE human colon carcinoma and EpCAM antibody (EPM17-1). FFPE testing requires sections to be boiled in pH 9 10mM Tris with 1mM EDTA for 10-20 minutes, followed by cooling at RT for 20 minutes, prior to staining.



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Flow cytometry testing of human MCF-7 cells using [PE conjugated EpCAM antibody](#) (red) and isotype control (green).



Western blot testing of HCT116 cell lysate and EpCAM antibody (EPM17-1). 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

Titering of the EpCAM antibody may be required for optimal performance.

1. 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 human protein was used as the immunogen for the EpCAM antibody.

Storage

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