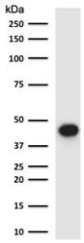
Recombinant EpCAM Antibody / Extracellular domain [clone EPM17-5R] (V3701)

Catalog No.	Formulation	Size
V3701-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3701-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3701SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3701IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

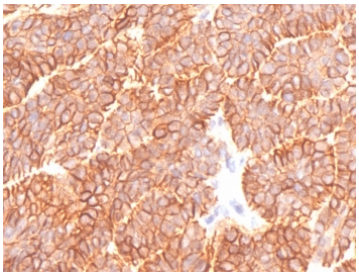
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	EPM17-5R
Purity	Protein A affinity chromatography
UniProt	P16422
Localization	Cell surface, cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This recombinant EpCAM antibody is available for research use only.



EpCAM Antibody Human Lung WB. Western blot testing of human lung lysate with EpCAM antibody (clone EPM17-5R). Expected molecular weight: ~35 kDa (unmodified), 40-43 kDa (glycosylated).



EpCAM Antibody Basal Cell Carcinoma IHC. Immunohistochemistry testing of FFPE human basal cell carcinoma and recombinant EpCAM antibody (clone EPM17-5R). Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

Description

EpCAM is frequently upregulated in carcinomas but is not expressed in cancers of non-epithelial origin. EpCAM expression is not limited to human colon carcinomas; in fact, EpCAM is expressed in a variety of human epithelial tissues, carcinomas, and progenitor and stem cells. [Wiki]

Explore our EpCAM Antibody / Epithelial Cell Marker Antibody page for additional validation data and applications involving epithelial cell identification, tissue organization, and epithelial-derived tumor research.

Application Notes

Titering of the recombinant 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

A portion of amino acids 100-224 (extracellular domain) was used as the immunogen for the recombinant EpCAM antibody.

Storage

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

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