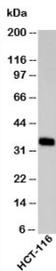


EpCAM Antibody [clone EPM4072] (N1139)

Catalog No.	Formulation	Size
N1139-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
N1139-25UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	25 ug

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Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	EPM4072
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	4072
Applications	Western Blot : 2-4ug/ml
Limitations	This EpCAM antibody is available for research use only.



Western blot testing of human samples with EpCAM antibody at 2ug/ml. Expected molecular weight: ~35 kDa (unmodified), 40-43 kDa (glycosylated).

Description

Epithelial cellular adhesion molecule (EpCAM), also called 'epithelial specific antigen,' or ESA, and 'epithelial glycoprotein EGP40.' It is expressed exclusively on cells of epithelial origin, making it a useful epithelial cell marker and a surface marker for human and mouse embryonic stem cells. In epithelial tissues, active proliferation corresponds to increased EpCAM levels, whereas differentiation is associated with low levels of the protein.

Immunogen

A recombinant protein fragment from the C-terminal region of human EpCAM was used as the immunogen for this antibody.

Storage

Aliquot the EpCAM antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.