

## Recombinant EpCAM Monoclonal Antibody

catalog number: **AN300999L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

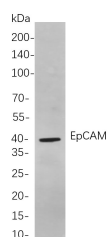
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human EpCAM protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	12B5
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

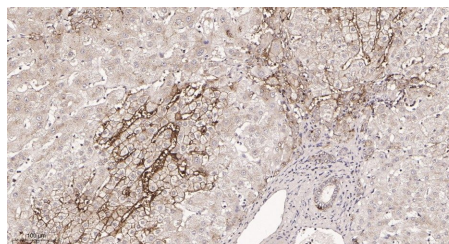
Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:1000-1:5000

### Data

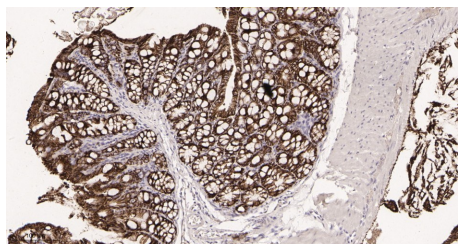


Western Blot with Recombinant EpCAM Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HCT-116 cells.

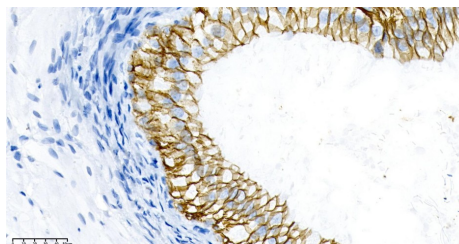
**Observed-MW:40 kDa**  
**Calculated-MW:35 kDa**



Immunohistochemistry of paraffin-embedded human liver tissue using Recombinant EpCAM Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded mouse colon tissue using Recombinant EpCAM Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded rat prostate tissue using Recombinant EpCAM Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy.

### For Research Use Only

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