

## Recombinant EpCAM/TROP-1/TACSTD1 Monoclonal Antibody

**catalog number: AN300200P**

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

### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human EpCAM protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	8C2
<b>Purification</b>	Protein A
<b>Buffer</b>	0.2 µm filtered solution in PBS

### Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
<b>FCM</b>	1:100-1:500
<b>IHC-P</b>	1:1000-1:5000
<b>ICC/IF</b>	1:250-1:5000
<b>IP</b>	0.2-1 µL/mg of lysate

### Preparation & Storage

<b>Storage</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated 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