

# EPCAM Polyclonal Antibody

Catalog Number:E-AB-60234

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

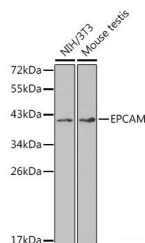
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant fusion protein of human EPCAM
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Applications Recommended Dilution

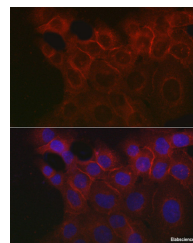
<b>WB</b>	1:500-1:2000
<b>IF</b>	1:50-1:200

## Data

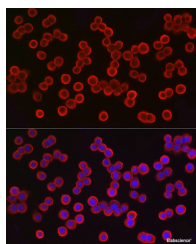


Western blot analysis of various lysates using EpCAM Polyclonal Antibody at 1:1000 dilution.

**Observed Mw:35-45KDa**  
**Calculated Mw:34kDa**



Immunofluorescence analysis of A431 cells using EpCAM Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HT-29 cells using EpCAM Polyclonal antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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

## For Research Use Only

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treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy.

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