

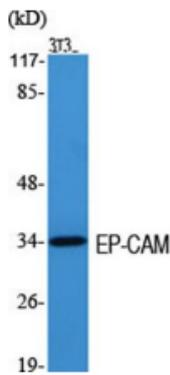
# EP-CAM Rabbit Polyclonal Antibody

OPR2269

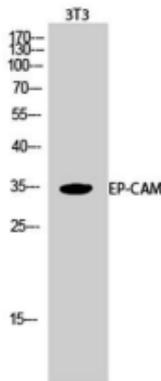
<b>Reactivity</b>	H, M, R	<b>Storage</b>	-20°C, Avoid freeze / thaw cycles
<b>Host</b>	Rabbit	<b>Applications</b>	WB;IF;ELISA
<b>Isotype</b>	IgG	<b>Concentration</b>	1 mg/mL

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

## Images



Western Blot analysis of various cells using EP-CAM Polyclonal Antibody diluted at 1:2000



Western Blot analysis of 3T3 cells using EP-CAM Polyclonal Antibody diluted at 1:2000

## Immunogen Information

<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TACD1. AA range:116-165
<b>Swissprot</b>	P16422
<b>Synonyms</b>	EPCAM; GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Epithelial cell adhesion molecule; Ep-CAM; Adenocarcinoma-associated antigen; Cell surface glycoprotein Trop-1; Epithelial cell surface antigen;

## Product Information

<b>Observed MW</b>	34 kDa
<b>Buffer</b>	PBS containing 50 % glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Dilution</b>	WB: 1/500 - 1/2000, IF: 1/200 - 1/1000, ELISA: 1/5000.

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

## 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

## Research Use

For research use only, not for use in diagnostic procedure

## Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation  
 Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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