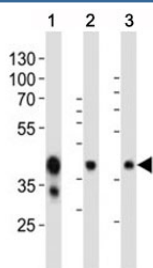


## EpCAM Antibody (F53088)

Catalog No.	Formulation	Size
F53088-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53088-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Predicted Reactivity</b>	Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q99JW5
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This EpCAM antibody is available for research use only.



Western blot analysis of mouse tissue lysate using EpCAM antibody at 1:1000. Expected molecular weight: ~35 kDa (unmodified), 40-43 kDa (glycosylated).

## Description

May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E (By similarity).

## Application Notes

Titration of the EpCAM antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

This mouse Epcam antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 302-335 amino acids from the C-terminal region of mouse Epcam.

## **Storage**

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