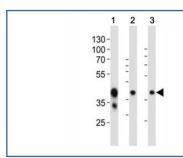


# **EpCAM Antibody (F53088)**

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**

Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q99JW5
Applications	Western Blot : 1:1000
Limitations	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:  $\sim$ 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.