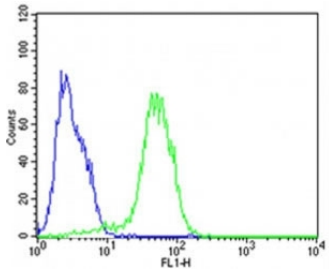
EpCAM Antibody (F53038)

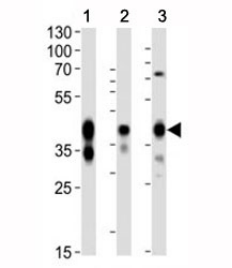
Catalog No.	Formulation	Size
F53038-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53038-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Human
Predicted Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q99JW5
Applications	Flow Cytometry: 1:25 Western blot: 1:1000
Limitations	This EpCAM antibody is available for research use only.



Flow cytometric analysis of HepG2 cells using Epcam antibody (green) compared to an isotype control of rabbit IgG (blue); Ab was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG was used as the secondary Ab.



Western blot analysis of mouse 1) kidney, 2) lung and 3) testis lysate using Epcam antibody

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).

Explore our EpCAM Antibody / Epithelial Cell Marker Antibody page for additional validation data and applications involving epithelial cell identification, tissue organization, and epithelial-derived tumor research.

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.

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