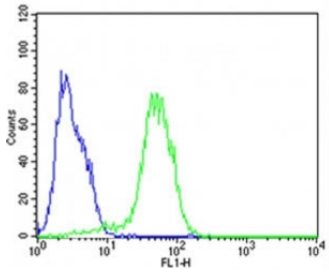
# EpCAM Antibody (F53038)

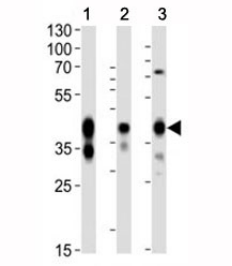
| Catalog No. | Formulation | Size |
|---|---|---|
| F53038-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F53038-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**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<br>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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