

Datasheet for ABIN3030859
anti-EpCAM antibody (C-Term)

3 Images



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Overview

Quantity:	0.4 mL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 302-335, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

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.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat
Purification:	Antigen affinity purified

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	EpCAM (EPCAM Products)
Background:	May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs)

Target Details

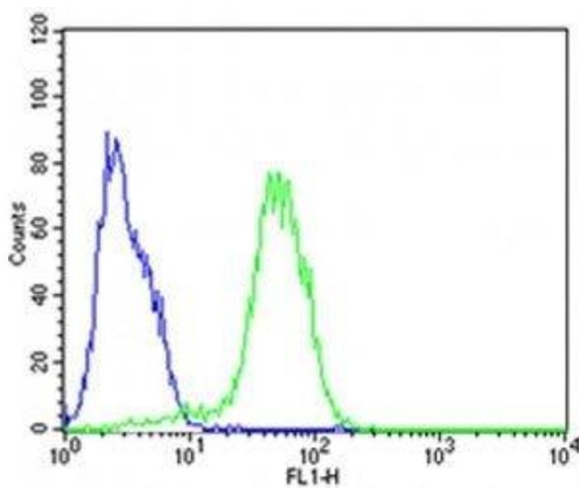
and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E (By similarity).

UniProt: [Q99JW5](#)

Application Details

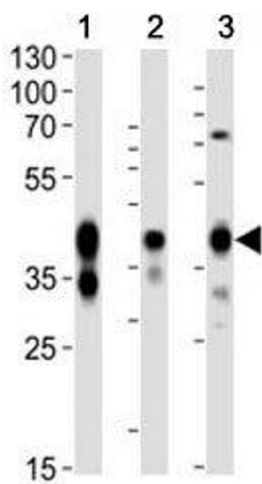
Application Notes:	Titration of the EpCAM antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Flow Cytometry: 1:25,Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the EpCAM antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



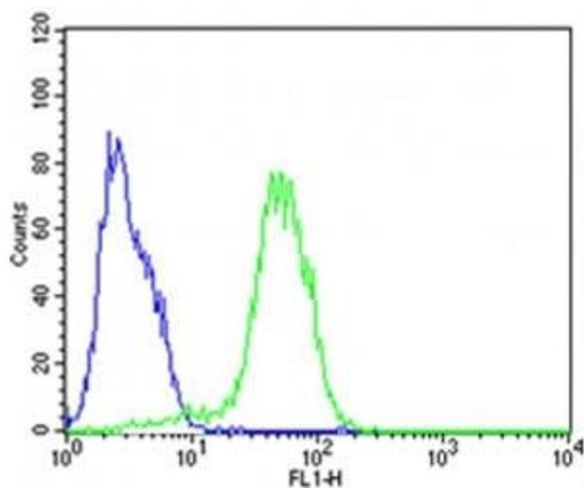
Flow Cytometry

Image 1. 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 Blotting

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



Flow Cytometry

Image 3. Flow cytometric analysis of HepG2 cells using Epcam antibody (green) compared to an isotype control of rabbit IgG (blue)