

Datasheet for ABIN6242229

anti-EpCAM antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 302-335, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This Mouse Epcam antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 302-335 amino acids from the C-terminal region of mouse Epcam.
Clone:	RB51264
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	Epcam (EPCAM Products)

Target Details

Background:	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).
Molecular Weight:	35019
UniProt:	Q99JW5

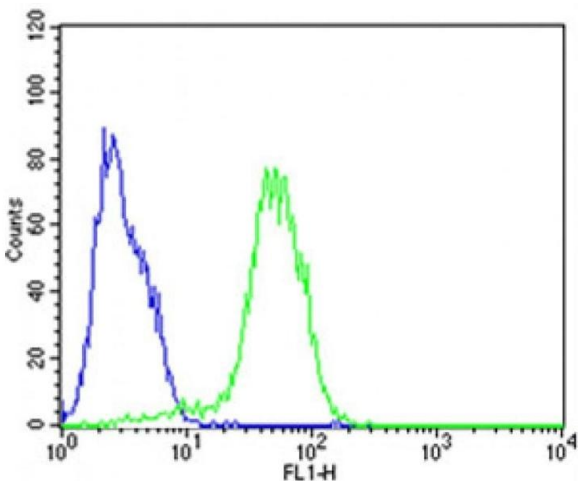
Application Details

Application Notes:	WB: 1:1000. FC: 1:25
Restrictions:	For Research Use only

Handling

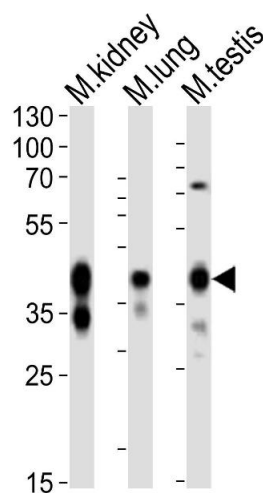
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Flow Cytometry

Image 1. Flow cytometric analysis of HepG2 cells using (Mouse) Epcam Antibody (C-term)(green, Cat(ABIN6242229 and ABIN6577822)) compared to an isotype control of rabbit IgG(blue). (ABIN6242229 and ABIN6577822) was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of lysates from mouse kidney, mouse lung, mouse testis tissue lysate (from left to right), using Epcam Antibody (C-term) (ABIN6242229 and ABIN6577822). (ABIN6242229 and ABIN6577822) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.