

Datasheet for ABIN6242231

anti-EpCAM antibody (C-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 217-251, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Mouse Epcam antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 217-251 amino acids from the C-terminal region of Mouse Epcam.
Clone:	RB52384
Isotype:	Ig Fraction
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)
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).

Molecular Weight: 35019

UniProt: [Q99JW5](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

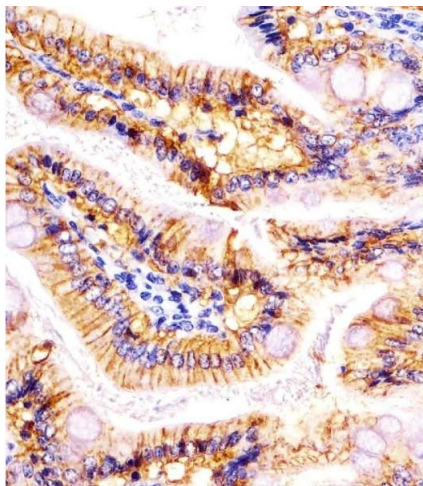
Preservative: Sodium azide

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

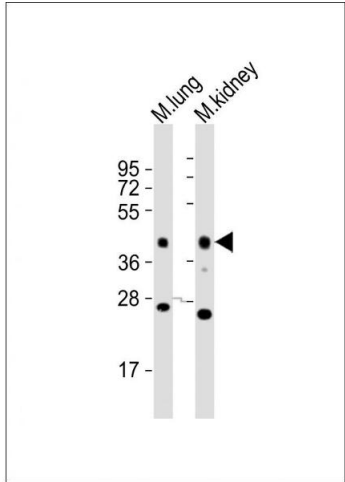
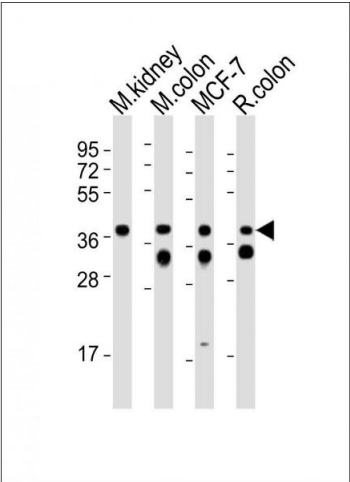
Expiry Date: 6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6242231 and ABIN6578095) staining (Mouse) Epcam in mouse colon sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the



secondary antibody.

Western Blotting

Image 2. All lanes : Anti-Epcam Antibody (C-term) at 1:2000 dilution Lane 1: mouse kidney lysates Lane 2: mouse colon lysates Lane 3: MCF-7 whole cell lysates Lane 4: rat colon lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 35 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 3. All lanes : Anti-Epcam Antibody (C-term) at 1:2000 dilution Lane 1: mouse lung lysates Lane 2: mouse kidney lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 35 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.