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Ber-EP4

Mouse Monoclonal antibody(Mab)
Catalog # AD80315

Specification

Ber-EP4 - Product info

Application	**IHC-P**
Primary Accession	P16422
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**

Ber-EP4 - Additional info

Gene ID	**4072**
Gene Name	**EPCAM**

Other Names
Epithelial cell adhesion molecule, Ep-CAM, Adenocarcinoma-associated antigen, Cell surface glycoprotein Trop-1, Epithelial cell surface antigen, Epithelial glycoprotein, EGP, Epithelial glycoprotein 314, EGP314, hEGP314, KS 1/4 antigen, KSA, Major gastrointestinal tumor-associated protein GA733-2, Tumor-associated calcium signal transducer 1, CD326, EPCAM, GA733-2, M1S2, M4S1, MIC18, TACSTD1, TROP1

Dilution
IHC-P~~Ready-to-use

Storage
Maintain refrigerated at 2-8°C

Precautions	**Ber-EP4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

Ber-EP4 - Protein Information

Name EPCAM

Synonyms	**GA733-2, M1S2, M4S1, MIC18, TACSTD1, TRO**
Function	**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**

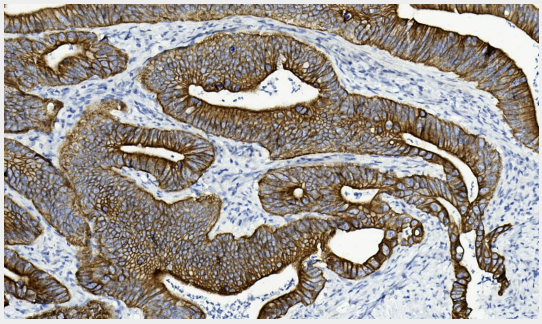
	and E.
Cellular Location	**Lateral cell membrane; Single-pass type I membrane protein. Cell junction, tight junction. Note=Colocalizes with CLDN7 at the lateral cell membrane and tight junction**
Tissue Location	**Highly and selectively expressed by undifferentiated rather than differentiated embryonic stem cells (ESC). Levels rapidly diminish as soon as ESC's differentiate (at protein levels). Expressed in almost all epithelial cell membranes but not on mesodermal or neural cell membranes. Found on the surface of adenocarcinoma.**

Ber-EP4 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Ber-EP4 - Images



Colon cancer