BOSTER BIOLOGICAL TECHNOLOGY
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Anti-(Mouse) Epcam Antibody (C-term)

Catalog Number: M00276-1

About Epcam

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).

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Overview

Product Name	Anti-(Mouse) Epcam Antibody (C-term)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-(Mouse) Epcam Antibody (C-term) (Catalog # M00276-1). Tested in WB, IHC-P application(s). This antibody reacts with Human, Mouse, Rat.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q99JW5

Technical Details

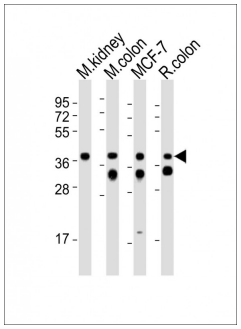
Immunogen	This Mouse Epcam antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 217-251 amino acids from the C-terminal region of Mouse Epcam.
Predicted Reactive Species	Bovine, Mouse
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.

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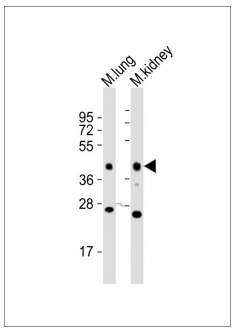
Suggested Dilutions	WB: 1:2000 IHC-P: 1:25 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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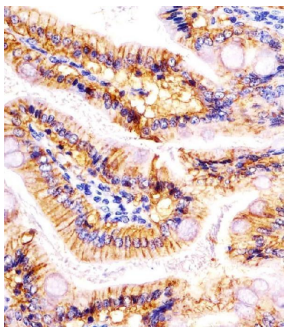
Anti-(Mouse) Epcam Antibody (C-term) (M00276-1) Images



All lanes : Anti-Epcam Antibody (C-term) at 1:2000 dilutionLane 1: mouse kidney lysatesLane 2: mouse colon lysatesLane 3: MCF-7 whole cell lysatesLane 4: rat colon lysatesLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 35 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-Epcam Antibody (C-term) at 1:2000 dilutionLane 1: mouse lung lysatesLane 2: mouse kidney lysatesLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 35 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



M00276-1 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 (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

For Research Use Only. Not for use in diagnostic procedures.