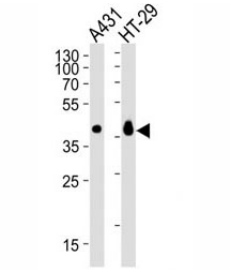
Ep-CAM Antibody (F52889)

Catalog No.	Formulation	Size
F52889-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52889-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Pig
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P16422
Applications	Western blot: 1:1000
Limitations	This Ep-CAM antibody is available for research use only.



Western blot analysis of lysate from A431, HT-29 cell line (left to right) using Ep-CAM antibody diluted at 1:1000 for each lane. Expected molecular weight: ~35 kDa (unmodified), 40-43 kDa (glycosylated).

Description

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.

Explore our EpCAM Antibody / Epithelial Cell Marker Antibody page for additional validation data and applications involving epithelial cell identification, tissue organization, and epithelial-derived tumor research.

Application Notes

Titration of the Ep-CAM antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Ep-CAM antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 299-334 amino acids from the C-terminal region of the human protein.

Storage

Aliquot the Ep-CAM antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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