

Product Name: EpCAM (15A7) Rabbit Monoclonal Antibody
Catalog #: AMRe10506

Summary

Production Name	EpCAM (15A7) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	EPCAM
Alternative Names	Epithelial cell adhesion molecule; Ep-CAM; CO17A; CD326; Cell surface glycoprotein Trop-1; EGP; Epithelial glycoprotein 314; EGP314; hEGP314; KS 1/4 antigen; KSA;
Gene ID	4072.0
SwissProt ID	P16422.

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	35kDa

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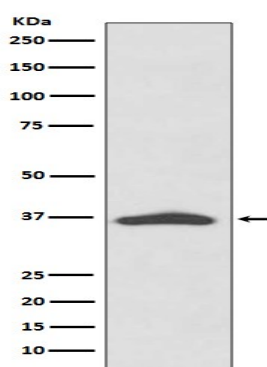


Background

Epithelial cell adhesion and activating molecule (EpCAM/CD326) is a transmembrane glycoprotein that mediates Ca²⁺ independent, homophilic adhesions on the basolateral surface of most epithelial cells. The antigen is being used as a target for immunotherapy treatment of human carcinomas. 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.

Research Area

Image Data



Western blot analysis of EpCAM expression in A431 cell lysate.

Note

For research use only.