

Anti-EpCAM / TROP1 / CD326 Reference Antibody (edrecolomab)

Catalog # APR11240

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P16422
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	34932

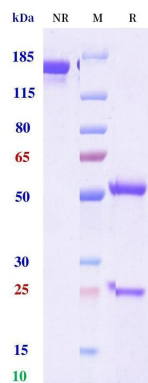
Additional Information

Target/Specificity	EpCAM / TROP1 / CD326
Expression system	CHO

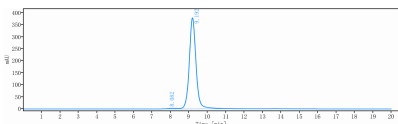
Protein Information

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.

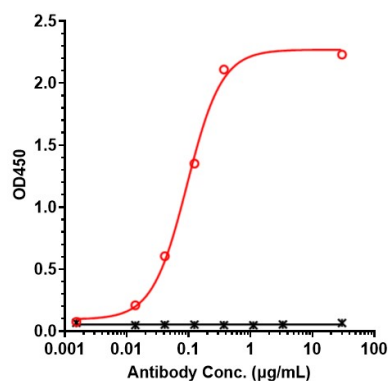
Images



Anti-EpCAM / TROP1 / CD326 Reference Antibody (edrecolomab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-EpCAM / TROP1 / CD326 Reference Antibody (edrecolomab) is 99%, determined by SEC-HPLC.



Immobilized Human EpCAM / TROP1 / CD326, His Tag at 2 µg/mL can bind edrecolomab , EC50= 0.09402 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.