

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

Recombinant Antibody Catalog # APR10300

Specification

Anti-EpCAM / TROP1 / CD326 Reference Antibody (Tucotuzumab) - Product Information

Application FC, E, FTA
Primary Accession P16422
Reactivity Human
Clonality Monoclonal
Isotype IgG1
Calculated MW 144.34 KDa

Anti-EpCAM / TROP1 / CD326 Reference Antibody (Tucotuzumab) - Additional Information

Target/Specificity EpCAM / TROP1 / CD326

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

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



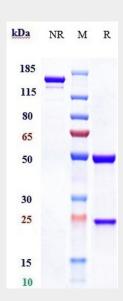
Highly and selectively expressed by undifferentiated rather than differentiated embryonic stem cells (ESC) Levels rapidly diminish as soon as ESC's differentiate (at protein levels). Expressed in almost all epithelial cell membranes but not on mesodermal or neural cell membranes. Found on the surface of adenocarcinoma.

Anti-EpCAM / TROP1 / CD326 Reference Antibody (Tucotuzumab) - Protocols

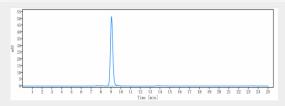
Provided below are standard protocols that you may find useful for product applications.

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

Anti-EpCAM / TROP1 / CD326 Reference Antibody (Tucotuzumab) - Images



Anti-EpCAM / TROP1 / CD326 Reference Antibody (Tucotuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-EpCAM / TROP1 / CD326 Reference Antibody (Tucotuzumab)is more than 99.28% ,determined by SEC-HPLC.