

(Mouse) Epcam Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21054a

Specification

(Mouse) Epcam Blocking Peptide (C-term) - Product Information

Primary Accession

[O99JW5](#)

Other Accession

[O55159](#)**(Mouse) Epcam Blocking Peptide (C-term) - Additional Information**

Gene ID 17075

Other Names

Epithelial cell adhesion molecule, Ep-CAM, Epithelial glycoprotein 314, EGP314, mEGP314, Protein 289A, Tumor-associated calcium signal transducer 1, CD326, Epcam, Tacstd1

Target/Specificity

The synthetic peptide sequence is selected from aa 302-315 of HUMAN Epcam

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

(Mouse) Epcam Blocking Peptide (C-term) - Protein Information

Name Epcam

Synonyms Tacstd1

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 (By similarity).

Cellular Location

Lateral cell membrane {ECO:0000250|UniProtKB:P16422}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P16422}. Cell junction, tight junction {ECO:0000250|UniProtKB:P16422}. Note=Colocalizes with CLDN7 at the lateral cell membrane and tight junction {ECO:0000250|UniProtKB:P16422}

(Mouse) Epcam Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

(Mouse) Epcam Blocking Peptide (C-term) - Images

(Mouse) Epcam Blocking Peptide (C-term) - Background

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(Mouse) Epcam Blocking Peptide (C-term) - References

Bergsagel P.L.,et al.J. Immunol. 148:590-596(1992).
Carninci P.,et al.Science 309:1559-1563(2005).