MADCAM1-1 binds Integrin alpha4beta7

Barrow, AD., Trowsdale, J., de Bono, B.
Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

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Literature references


Reactome database release: 78

This document contains 1 reaction (see Table of Contents)
MADCAM1-1 binds Integrin alpha4beta7

Stable identifier: R-HSA-199032

Type: binding

Compartments: plasma membrane

Mucosal addressin cell adhesion molecule (MADCAM1) is present in the endothelium of mucosa, and binds alpha-4 beta-7 integrin and L-selectin, regulating both the passage and retention of leukocytes in mucosal tissues. MADCAM1 has been shown to be present as a homodimer.

Literature references


Editions

<table>
<thead>
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<th>Date</th>
<th>Action</th>
<th>Author/Reviewer</th>
</tr>
</thead>
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<td>de Bono, B.</td>
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<tr>
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