Integrin alphaMbeta2 (MAC1) binds JAM3

Ouwehand, WH., Zwaginga, JJ.

European Bioinformatics Institute, New York University Langone Medical Center, Ontario Institute for Cancer Research, Oregon Health and Science University.

04/05/2024

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.

The development of Reactome is supported by grants from the US National Institutes of Health (P41 HG003751), University of Toronto (CFREF Medicine by Design), European Union (EU STRP, EMI-CD), and the European Molecular Biology Laboratory (EBI Industry program).

Literature references

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Fabregat, A., Jupe, S., Matthews, L., Sidiropoulos, K., Gillespie, M., Garapati, P. et al. (2018). The Reactome Pathway Knowledgebase. *Nucleic Acids Res, 46*, D649-D655. ↗

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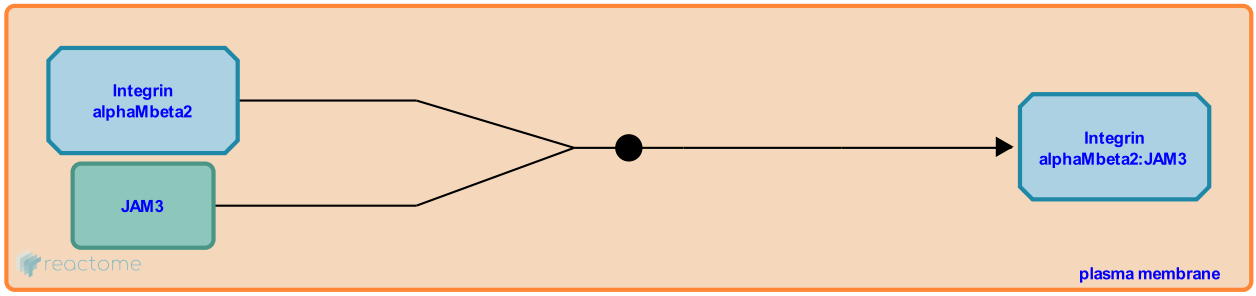
Stable identifier: R-HSA-202727

Type: binding

Compartments: plasma membrane



Recruitment of monocytic cells to the vessel wall by platelets is mediated via CD11b/CD18 (Mac-1) and platelet JAM-C. In the case of dendritic cells, this interaction leads to their activation and platelet phagocytosis. This process may be of importance for progression of atherosclerotic lesions.

Literature references

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Editions

2007-11-12	Authored	Ouwehand, WH.
2007-11-12	Reviewed	Zwaginga, JJ.