

# SIRP gamma binds CD47

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## 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

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Reactome database release: 88

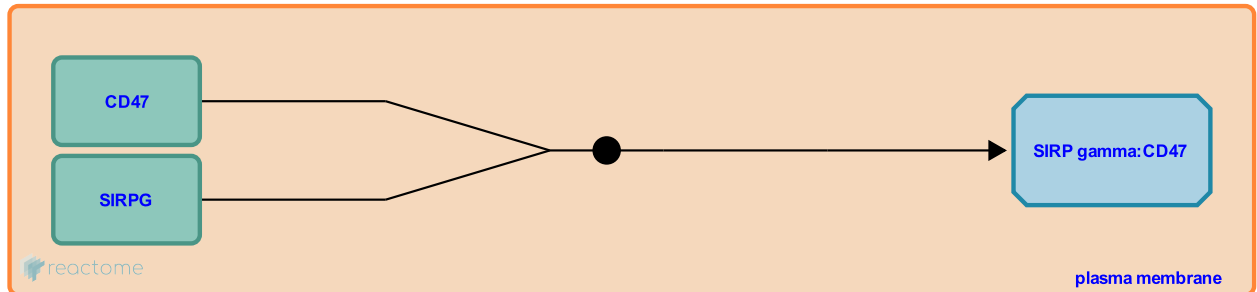
This document contains 1 reaction ([see Table of Contents](#))

## SIRP gamma binds CD47 [↗](#)

**Stable identifier:** R-HSA-391168

**Type:** binding

**Compartments:** plasma membrane



SIRP gamma (SIRPG) is expressed by T cells and has been shown to engage with CD47, albeit with lower affinity than SIRP alpha. The engagement of SIRPG on the surface of T cells increased cell-cell adhesion.

### Literature references

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### Editions

2009-02-12	Authored, Edited	Garapati, P V.
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