

CD309 protein-coupled magnetic MicroBeads

Cat. No. CD309-4022M Lot. No. (See product label)

SPECIFICATION

Product Overview

Species Mouse

Capacity for 1×10^9 total cells

Background

CD309 is a class 3 receptor tyrosine kinase, also known as Flk-1 (fetal liver kinase 1), vascular endothelial growth factor receptor 2 (VEGFR2), or kinase insert domain receptor (KDR). CD309 is one of the earliest differentiation markers for endothelial and hematopoietic cells. Using mouse embryonic stem cells it has been shown that CD309 is a marker for multipotent cardiovascular progenitor cells that give rise to cardiomyocyte, endothelial, and vascular smooth muscle cell lineages.

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