



Rat Anti-Human CXCR5 Monoclonal Antibody, clone SG9C3 (DMABT-H29518U)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Human CXCR5 (CD185)
Isotype	IgG2b, κ
Source/Host	Rat
Species Reactivity	Human
Clone	SG9C3
Purification	Affinity purified
Conjugate	Unconjugated
Applications	FC
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	Aqueous buffered solution containing ≤0.09% sodium azide.
Preservative	≤0.09% sodium azide
Storage	Store undiluted at 4°C.
Ship	Wet ice

BACKGROUND

Introduction

CXCR5 (C-X-C Motif Chemokine Receptor 5) is a Protein Coding gene. Diseases associated with CXCR5 include burkitt lymphoma and lymphoma. Among its related pathways are Signaling by GPCR and ERK Signaling. GO annotations related to this gene include G-protein coupled receptor activity and C-X-C chemokine receptor activity. An important paralog of this gene is CCR9. This gene encodes a multi-pass membrane protein that belongs to the CXC chemokine receptor family. It is expressed in mature B-cells and Burkitt's lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Keywords

CXCR5;chemokine (C-X-C motif) receptor 5;BLR1, Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C X C motif) receptor 5) , Burkitt lymphoma receptor 1, GTP binding protein;C-X-C chemokine receptor type 5;CD185;MDR15

GENE INFORMATION

Gene Name CXCR5

Entrez Gene ID [643](#)

UniProt ID [A0N0R2](#)