

## Product Data Sheet

Product Name: Anti-Human/Mouse/Monkey CXCR3 Antibody (9C5)  
Cat. No.: GC79225

### Chemical Properties

Cas. No.

Formula M.Wt 146.54

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

Anti-Human/Mouse/Monkey CXCR3 Antibody (9C5) is an antibody targeting CXCR3, which specifically binds to an epitope within amino acid residues 23 to 44 of human CXCR3 [1].

**Caution: Product has not been fully validated for medical applications. For research use only.**

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In Vivo, Anti-Human/Mouse/Monkey CXCR3 Antibody (9C5) (2-5 mg/kg; i.v.; single/weekly; 7-21 days) increases pancreatic islet allograft survival in mice, with a single 5 mg/kg dose boosting mean graft survival time from 17 to 33 days, and weekly 2 mg/kg doses achieving 35 days MST with long-term survival in some animals<sup>[1]</sup>. Anti-Human/Mouse/Monkey CXCR3 Antibody (9C5) (0.5-10 mg/kg; i.v.; single dose) dose-dependently depletes CXCR3-expressing CD4+, CD8+, and B cells in mice, with complete depletion at doses  $\geq 2$  mg/kg lasting for more than 3 weeks<sup>[1]</sup>.

In Vitro, Anti-Human/Mouse/Monkey CXCR3 Antibody (9C5) specifically binds to mouse, human, and marmoset CXCR3 expressed on transfected cells and primary immune cells<sup>[1]</sup>. Anti-Human/Mouse/Monkey CXCR3 Antibody (9C5) binds to an epitope within amino acid residues 23 to 44 of human CXCR3<sup>[1]</sup>.

### References:

[1]. Charles Reay Mackay, et al. Anticorps et leurs utilisations. WO2014186842A1. 2014.

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