*InVivo*Pro Anti-Mouse CD209b(SIGN-R1) *in vivo* antibody, Clone 22D1

Cat #: IV0174 **Size: 1mg, 5mg, 25mg, 50mg, 100mg**

Product Information

Isotype:	Armenian Hamster IgG
Reactivity:	Mouse
Formulation:	PBS, pH 7.2, contains no stabilizers or preservatives
Concentration:	Lot specific
Applications:	*In vivo* CD209b blockade
Recommended Isotype Control:	Armenian Hamster IgG Isotype Control
Endotoxin:	≤ 1.0 EU/mg, by the LAL method
Purity:	99%
Sterility:	0.2 μM filtered
Purification:	Protein A or G
Recommended Dose Range:	Each investigator should determine their own optimal working dilution for specific applications.
Storage:	This antibody is stable for at least 2 months when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid repeated freeze thaw cycles.

Background

CD209b, also known as SIGN-R1, is a 37 kDa type II transmembrane C-type lectin receptor. CD209b is expressed on the surface of splenic marginal zone and lymph node medullary macrophages and is commonly used as a marker for these cells. The CD209b protein is involved in the innate immune response, it binds to and initiates uptake of various microorganisms by recognizing high-mannose-containing glycoproteins on their envelopes. The 22D1 monoclonal antibody reacts with mouse CD209b.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.