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30-1575: Anti-CD169 / Siglec-1 Monoclonal Antibody (Clone:7-239)

Clonality :	Monoclonal
Clone Name :	7-239
Application :	FACS, IP, WB, IHC-Fr, Functional Assay
Reactivity :	Human
Gene :	SIGLEC1
Gene ID :	6614
Uniprot ID :	Q9BZZ2
Format :	Purified
Alternative Name :	SIGLEC1,SN
Isotype :	Mouse IgG1
Immunogen Information :	human rhinovirus 14-infected monocyte-derived dendritic cells

Description

CD169, also known as Siglec-1 or sialoadhesin, is a type I transmembrane glycoprotein of the sialic acid binding Ig-like lectin family. It binds to sialylated glycoproteins on various haematopoietic cells to mediate cell-cell interactions. CD169 is expressed on a subset of macrophages and dendritic cells. On CD14+ monocytes its expression can be induced by interferon alpha and gamma. High expression of CD169 is observed in the spleen, lymph nodes, bone marrow, and under inflammatory conditions rheumatoid arthritis and atherosclerosis, lower in the liver, lungs and gut. It has been shown to be involved in antigen presentation to invariant NKT cells, which play an important role in the innate arm of the immune system to modulate the subsequent acquired immune responses.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Immunoprecipitation Western Blotting Immunohistochemistry (frozen sections) Functional Application inhibition of erythrocyte rosetting with cells expressing cd169

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