

CD169 Polyclonal Antibody

Catalog No. E-AB-70160

Note: Centrifuge before opening to ensure complete recovery of vial contents.

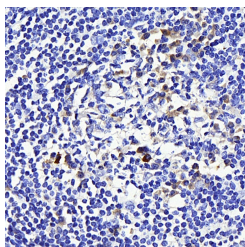
Description

Reactivity	Human,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse CD169
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

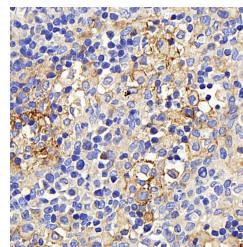
Applications Recommended Dilution

IHC 1:200-1:800

Data



Immunohistochemistry analysis of paraffin-embedded human tonsil using CD169 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded rat lymph node using CD169 Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a lectin-like adhesion molecule that binds glycoconjugate ligands on cell surfaces in a sialic acid-dependent manner. It is a type I transmembrane protein expressed only by a subpopulation of macrophages and is involved in mediating cell-cell interactions. Alternative splicing produces a transcript variant encoding an isoform that is soluble rather than membrane-bound; however, the full-length nature of this variant has not been determined. SIGLEC1 (Sialic Acid Binding Ig Like Lectin 1) is a Protein Coding gene. Diseases associated with SIGLEC1 include Proliferative Glomerulonephritis and Diffuse Cutaneous Systemic Sclerosis. Among its related pathways are Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell and Innate Immune System. GO annotations related to this gene include carbohydrate binding. An important paralog of this gene is CD22.

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