

## CD169 Polyclonal Antibody

**catalog number: E-AB-70160**

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

### Description

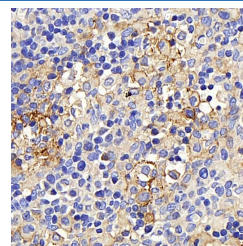
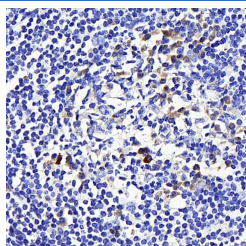
<b>Reactivity</b>	Human; Rat
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse CD169
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

### Applications

### Recommended Dilution

<b>IHC</b>	1:200-1:800
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### 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

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### 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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