**Antibody Information**

**Anti-Human CD169-158Gd**

**Catalog:** 3158027B  
**Clone:** 7-239  
**Package size:** 100 tests  
**Isotype:** Mouse IgG1  
**Storage:** Store product at 4 °C. Do not freeze.

**Formulation:** Antibody stabilizer with 0.05% sodium azide

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**Technical Information**

**Validation:** Each lot of conjugated antibody is quality control-tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended usage:** The suggested use is 1 µL for up to $3 \times 10^6$ live cells in 100 µL. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

**Human PBMCs**

Human PBMCs were incubated for 3 days with IFNg and TNFa and then stained with 162Dy-anti-CD11c (Bu15) and 158Gd-anti-CD169 (7-239).

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**Description**

CD169, also known as sialoadhesin (Sn), sheep erythrocyte receptor (SER) or Siglec-1, is a type I transmembrane glycoprotein containing a single Ig-like V-type domain and 16 Ig-like C2-type domains. CD169 binds a number of sialylated molecules including the mannose receptor, MGL1, MUC1, PSGL-1 and different glycoforms of CD43. CD169 is expressed on macrophages and dendritic cells in peripheral blood, lymph nodes and spleen in humans. By its affinity to α2, 3-linked sialic acid, it is involved in macrophage binding to different cell types such as granulocytes, monocytes and NK, B and T cells.

**References**


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For technical support visit fluidigm.com/support.

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