

# APC Conjugated Anti-Human NCAM1 / CD56 Antibody [PSH06-53] HA723757F



<b>Product Type:</b>	Recombinant Rabbit monoclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human
<b>Applications:</b>	FC
<b>Molecular Wt:</b>	Predicted band size: 95 kDa
<b>Clone number:</b>	PSH06-53

**Description:** Neural cell adhesion molecule (NCAM), also called CD56, is a homophilic binding glycoprotein expressed on the surface of neurons, glia and skeletal muscle. Although CD56 is often considered a marker of neural lineage commitment due to its discovery site, CD56 expression is also found in, among others, the hematopoietic system. Here, the expression of CD56 is mostly associated with, but not limited to, natural killer cells. CD56 has been detected on other lymphoid cells, including gamma delta ( $\gamma\delta$ ) T cells and activated CD8+ T cells, as well as on dendritic cells. NCAM has been implicated as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory.

**Conjugate:** APC

**Immunogen:** Recombinant protein within human NCAM1 / CD56 aa 20-718 (Extracellular).

**Positive control:** Human peripheral blood cells.

**Subcellular location:** Cell membrane.

**Database links:** SwissProt: P13591 Human

**Recommended Dilutions:**  
FC 5  $\mu$ l per million cells in 100  $\mu$ l staining volume or 5  $\mu$ l per 100  $\mu$ l of whole blood.

**Storage Buffer:** 1\*PBS (pH7.4), 1% BSA, 40% Glycerol, 0.2% Proclean 950.

**Storage Instruction:** Store at 2°C to 8°C. Avoid repeated freeze / thaw cycles.

**Purity:** Protein A affinity purified.

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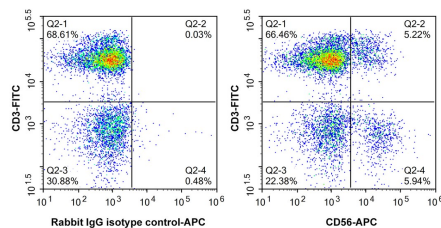
Orders:0086-571-88062880

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## Images



**Fig1:** Flow cytometric analysis of human peripheral blood cells labelling Human NCAM1 / CD56 (HA723757F, APC) and CD3 (HA600116F, FITC).

Cells were washed twice with cold PBS and resuspend. Then incubated for 1 hour at +4°C with Human NCAM1 / CD56 (HA723757F, APC, 1/1,000) compared with Rabbit IgG Isotype Control (APC, 1/1,000).

**Note:** All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

## Background References

1. Cocker ATH et al. The CD56-CD16+ NK cell subset in chronic infections. *Biochem Soc Trans.* 2023 Jun

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