

# APC Conjugated Anti-CD27 Antibody [PSH08-90] HA723828F



<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: 29 kDa
<b>Clone number:</b>	PSH08-90

**Description:** The tumor necrosis factor (TNF) receptor family is composed of several type I integral membrane glycoproteins that exhibit homology in their cysteine-rich extracellular domains. Members of this family include FAS, OX40, CD27 and CD30. Ligands for these receptors are often type II transmembrane glycoproteins, as is the case for CD27 and CD30. CD27 is a homodimeric lymphocyte-specific surface antigen present on T and B lymphocytes. Activation of the CD3 complex via the T cell receptor for antigen leads to an increase in CD27 expression. Together, CD27 and its ligand, CD27L, generate co-stimulatory signals required for complete T cell activation. CD30 is a surface marker for neoplastic cells of the Hodgkin's lymphoma and related hematologic malignancies. CD30L has been shown to enhance the proliferation of the Hodgkin's cell line HDLM-2, but exerts antiproliferative effects on large cell anaplastic lymphoma cell lines.

**Conjugate:** APC

**Immunogen:** Recombinant protein within human CD27 aa 1-191.

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

**Subcellular location:** Cell membrane.

**Database links:** SwissProt: P26842 Human

**Recommended Dilutions:**  
FC 1:1,000

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

**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

**Purity:** Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

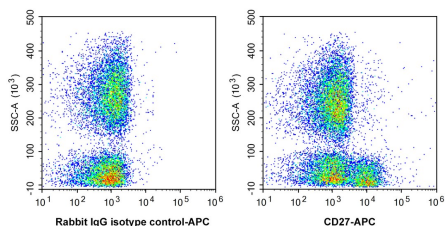
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## Images



**Fig1:** Flow cytometric analysis of human peripheral blood cells labelling CD27 (HA723828F, APC).

Cells were washed twice with cold PBS and resuspend. Then incubated for 1 hour at +4°C with CD27 (HA723828F, 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. Grimsholm O. CD27 on human memory B cells-more than just a surface marker. Clin Exp Immunol. 2023 Jul
2. Starzer AM et al. New emerging targets in cancer immunotherapy: CD27 (TNFRSF7). ESMO Open. 2020 Mar

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