APC Conjugated Anti-CD20 Antibody [PSH08-12] HA723838F

Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human
Applications:	FC
Molecular Wt:	Predicted band size: 33 kDa
Clone number:	PSH08-12

Description: B-lymphocyte antigen CD20 or CD20 is B lymphocyte cell-surface molecule. It is a 33-37 kDa non-glycosylated protein. CD20 is expressed on the surface of B-cells from the pre-B phase, the expression is lost in terminally differentiated plasma cells. CD20 is used as a therapeutical target of B-cell malignancies and autoimmune diseases.

Conjugate: APC

Immunogen: Recombinant protein within human CD20 aa 121-209.

Positive control: Human peripheral blood.

Subcellular location: Cell membrane.

Database links: SwissProt: P11836 Human

Recommended Dilutions:
  FC 5 μl per million cells in 100 μl staining volume or 5 μl per 100 μl of whole blood.

Storage Buffer: Supplied in phosphate-buffered solution, pH 7.2, containing 0.2% ProClean 950 and BSA.

Storage Instruction: Shipped at 4℃. Store at +4℃ short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20℃ long term.

Purity: Protein A affinity purified.
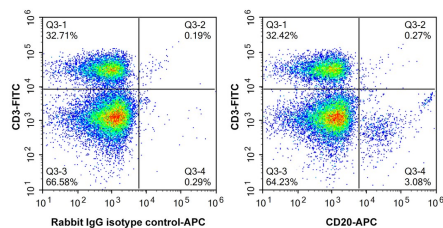
Images

Fig1: Flow cytometric analysis of human peripheral blood cells labelling CD20 (HA723838F, APC) and CD3 (HA600116F, FITC).

Cells were washed twice with cold PBS and resuspend. Then incubated for 1 hour at +4℃ with CD20 (HA723838F, 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. de Sèze J et al. Anti-CD20 therapies in multiple sclerosis: From pathology to the clinic. Front Immunol. 2023 Mar

2. Margoni M et al. Anti-CD20 therapies for multiple sclerosis: current status and future perspectives. J Neurol. 2022 Mar