

PE Anti-Human CD38 (HIT2) Antibody
Catalog # ATB10416**Specification**

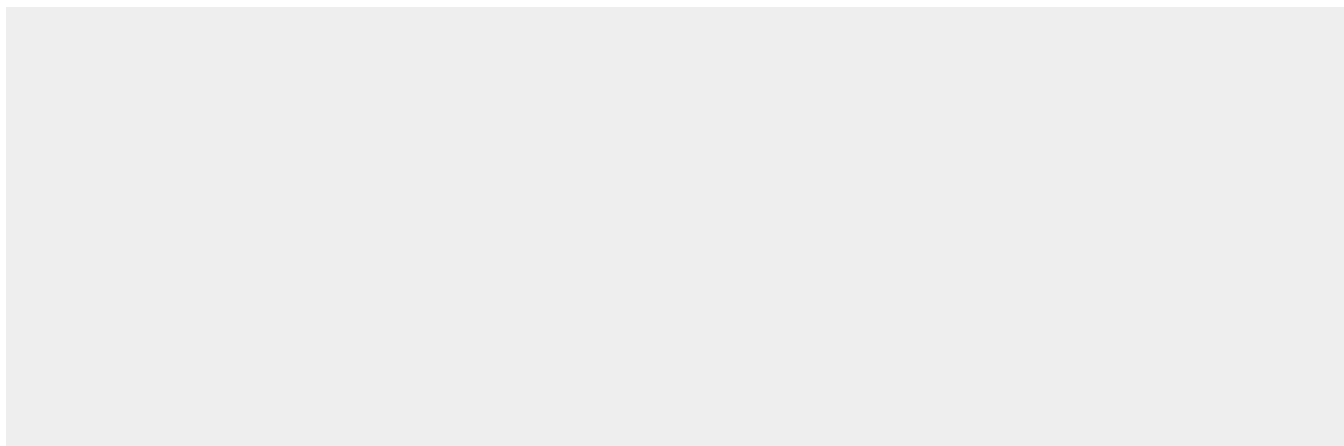
PE Anti-Human CD38 (HIT2) Antibody - Product Information

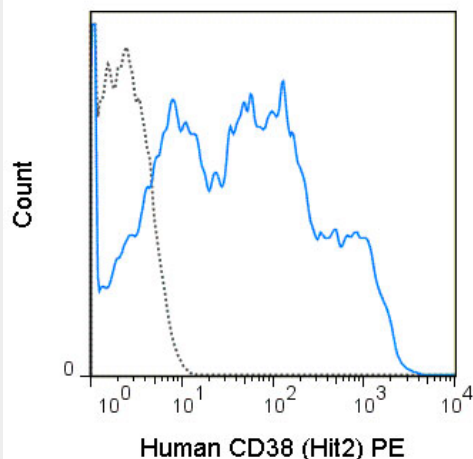
Application	FC
Isotype	Mouse IgG1, kappa
Concentration	5 uL (0.5 ug)/test
Reactivity	Human
Formulation	10 mM NaH ₂ PO ₄ , 150 mM NaCl, 0.09% NaN ₃ , 0.1% gelatin, pH7.2
Host	Mouse

PE Anti-Human CD38 (HIT2) Antibody - Additional Information**Format**
PE**Storage Conditions**
2-8°C protected from light**PE Anti-Human CD38 (HIT2) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PE Anti-Human CD38 (HIT2) Antibody - Images



Human peripheral blood lymphocytes were stained with 5 μ L (0.5 μ g) PE Anti-Human CD38 (ATB10416) (solid line) or 0.5 μ g PE Mouse IgG1 isotype control (dashed line).

PE Anti-Human CD38 (HIT2) Antibody - Background

The HIT2 antibody is specific for human CD38, a 45 kD type II transmembrane glycoprotein expressed on thymocytes, activated T and B cells, and monocytes as well as other non-hematopoietic cells. CD38 is an ectoenzyme that functions to catalyze the synthesis and hydrolysis of cyclic ADP-ribose and is involved in cell signaling, regulating cell adhesion, and activation. Additionally, CD38 has been shown to be a prognostic marker for some leukemias and other diseases.

PE Anti-Human CD38 (HIT2) Antibody - References

Dianzani U, and Malavasi F. 1995. Crit. Rev. Immunol. 15(2):167-200.

Mehta K, Shahid U, and Malavasi F. Oct. 1996. FASEB J. 10(12):1408-1417.

Ferrero E, and Malavas F. Feb. 1999. J. Leukoc. Biol. 65(2):151-161.

Matrai Z. Feb. 2005. Hematology. 10(1):39-46.