

FITC Anti-Human CD2 (RPA-2.10) Antibody
Catalog # ATB10427**Specification****FITC Anti-Human CD2 (RPA-2.10) Antibody - Product Information**

Application	FC
Isotype	Mouse IgG1, kappa
Concentration	5 µL (0.25 µg)/test
Reactivity	Human
Formulation	10 mM NaH ₂ PO ₄ , 150 mM NaCl, 0.09% NaN ₃ , 0.1% gelatin, pH7.2

FITC Anti-Human CD2 (RPA-2.10) Antibody - Additional Information

Gene ID	914
Gene Name	CD2
Alternative Name(s)	LFA-2, T11, Sheep Red Blood Cell Receptor (SRBC-R), Ly-37

Format

FITC

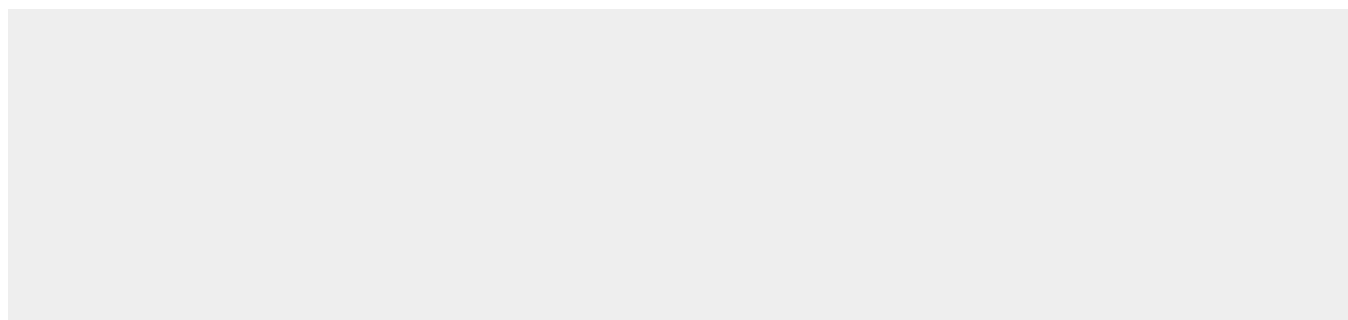
Storage Conditions

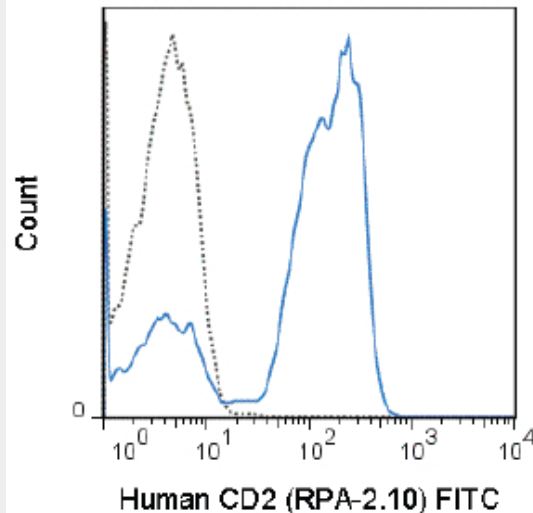
2-8°C protected from light

FITC Anti-Human CD2 (RPA-2.10) 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](#)

FITC Anti-Human CD2 (RPA-2.10) Antibody - Images



Human peripheral blood lymphocytes were stained with 5 μ L (0.25 μ g) FITC Anti-Human CD2 (RPA-2.10) manufactured by Tonbo Biosciences (left panel) or BD Biosciences (right panel).

FITC Anti-Human CD2 (RPA-2.10) Antibody - Background

The RPA-2.10 antibody reacts with human CD2, an approximately 50 kDa glycoprotein, and a member of the Ig superfamily. CD2, also known as LFA-2, is a receptor for CD58 in the human and is expressed on the cell surface of 80-90% of human peripheral blood lymphocytes, a subset of NK cells, and all mature T cells. CD2 mediates lymphocyte adhesion and is involved in T cell activation.

RPA-2.10 is reported to block mixed lymphocyte reaction. Please choose the appropriate format for each application

FITC Anti-Human CD2 (RPA-2.10) Antibody - References

Knapp W, Dorken B, et al. eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.

Aversa GG, Bishop GA, Suranyi MG and Hall BM. 1987. Transplant Proc. 19: 277-278.

Hahn WC, Burakoff SJ, Bierer BE. 1993. J Immunol. 150(7):2607-2619.

Xu H, Elster EA, Blair PJ, Burkly LC, Tadaki DK, Harlan DM and Kirk AD. 2003. Am J Transplant. 3: 1350-1354. (Immunohistochemistry - frozen tissue)

Kim EO, Kim TJ, Kim N, Kim ST, Kumar V and Lee KM. 2010. J Biol Chem. 285: 41755-41764. (in vitro blocking)

Schernthaler GH, Jordan JH, Ghannadan M, Agis H, Bevec D, Nunez R, Escribano L, Majdic O, Willheim M, Worda C, Printz D, Fritsch G, Lechner K and Valent P. 2001. Blood. 98(13): 3784-3792. (Flow Cytometry)

Herodin F, Thullier P, Garin D and Drouet M. 2005. Eur Cytokine Netw. 16(2): 104-116. (Flow Cytometry - Baboon, Chimpanzee, Cynomolgus, Rhesus)