

Product Data Sheet

FITC anti-human CD102 (ICAM-2)

Catalog # / Size: 328507 / 25 tests

Clone: CBR-IC2/2

Isotype: Mouse IgG2a, κ

Workshop Number: V BP363

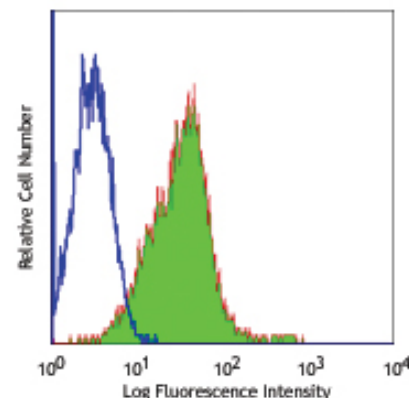
Immunogen: ICAM-2 cDNA transfected COS cells

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood lymphocytes stained with CBRIC2/2 FITC

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

Application Notes: Additional reported applications: immunoprecipitation(1), blocking the interaction between ICAM-2 and LFA-1(1), immunohistochemical staining(2) of frozen tissue sections

Application References: 1. DeFougerolles AR, *et al.* 1991. *J. Exp. Med.* 174:253.
2. Van Herpen CML, *et al.* 2005. *Clin. Cancer Res.* 11:1899

Description: CD102 is a 55 kD type I transmembrane glycoprotein, belongs to immunoglobulin superfamily, also known as Intercellular Adhesion Molecule-2, or ICAM-2. CD102 is constitutively expressed on vascular endothelial cells, some lymphocytes, monocytes, and platelets. CD102 is thought to be involved in lymphocyte recirculation and in costimulation of immune response. CD102 is a counter receptor of LFA-1 (CD11a/CD18), DC-SIGN and MAC-1.

Antigen References: 1. Weber KSC, *et al.* 2004. *Inflammation*. 28:177.
2. Barclay A, *et al.* 1997. *The Leukocyte Antigen Factsbook* Academic Press.
3. Casasnovas JM, *et al.* 1999. *P. Natl. Acad. Sci. USA* 96:3017.
4. Diamonds MS, *et al.* 1990. *J. Cell Biol.* 111:3129.

Related Products:	Product	Clone	Application
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	FITC Mouse IgG2a, κ Isotype Ctrl (FC)	MOPC-173	FC
	Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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