

CD18 (LFA-1 beta) Monoclonal Antibody (6.7), FITC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human, Non-human primate
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), FITC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	6.7
Conjugate	FITC
Excitation/Emission Max	498/517 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10852846

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.5 µg)/test	-

Product Specific Information

Description: The 6.7 monoclonal antibody reacts with human and non-human primate (rhesus or cynomolgus) CD18, which is also known as beta2 integrin. CD18 is a 90-95 kDa type I transmembrane protein that heterodimerizes with the α chain of CD11a, CD11b and CD11c. The CD18/CD11a complex is also known as lymphocyte function-associated antigen-1 (LFA-1) and plays an important role in cellular adhesion and inflammatory reactions. CD18 is expressed broadly by human lymphocytes and monocytes. Peripheral blood granulocytes also express CD18, but at lower levels.

The 6.7 monoclonal antibody has been reported to induce the proliferation of resting T cells cultured with monocytes.

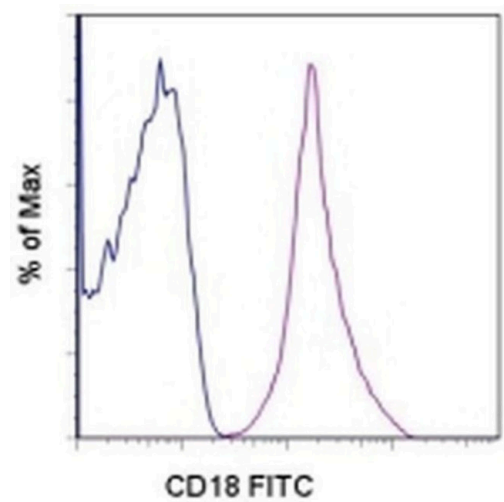
Applications Reported: This 6.7 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 6.7 antibody has been pre-titrated and tested by flow cytometric analysis of normal human blood cells. This can be used at 5 µL (0.5 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

Excitation: 488 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD18 (LFA-1 beta) Monoclonal Antibody (6.7), FITC, eBioscience™



CD18 (LFA-1 beta) Antibody (11-0189-42) in Flow
Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control FITC (Product # 11-4714-42) (blue histogram) or Anti-Human/Non-Human Primate CD18 FITC (purple histogram). Cells in the lymphocyte gate were used for analysis.

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