

# CD84 Monoclonal Antibody (2G7), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	2G7
Conjugate	APC
Excitation/Emission Max	651/660 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_10718977

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	-

## Product Specific Information

**Description:** The monoclonal antibody 2G7 reacts to CD84, a transmembrane protein of the Ig SLAM superfamily. Expression of CD84 is found on mature B cells, a subset of T cells (mainly CD4+CD45RA+), monocytes and platelets. CD84 is found on a percentage of human hematopoietic progenitor (CD34+) cells. Signaling through CD84 via homotypic interactions involves phosphorylation and recruitment of SAP and EAT-2 leading to production of IFNgamma and T cell activation.

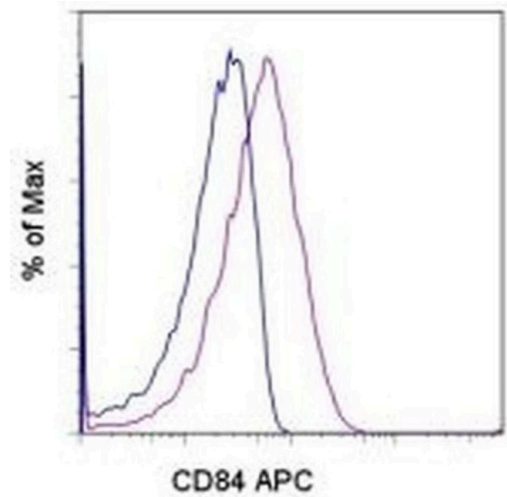
**Applications Reported:** This 2G7 antibody has been reported for use in flow cytometric analysis.

**Applications Tested:** This 2G7 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.25 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 10<sup>5</sup> to 10<sup>8</sup> cells/test.

**Excitation:** 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

**Filtration:** 0.2 µm post-manufacturing filtered.

Product Images For CD84 Monoclonal Antibody (2G7), APC, eBioscience™



**CD84 Antibody (17-0849-42) in Flow**

Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control APC (Product # 17-4714-81) (blue histogram) or Anti-Human CD84 APC (purple histogram). Cells in the lymphocyte gate were used for analysis.

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