SONY

Product Data Sheet

Biotin anti-mouse CD84

Catalog # / Size: 1214015 / 50 µg

Clone: mCD84.7

Isotype: Hamster IgG

Immunogen: Mouse CD84-Fc fusion protein

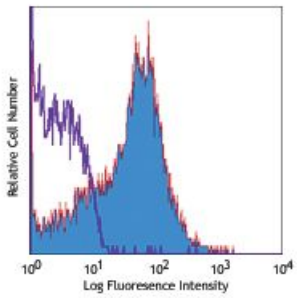
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Workshop Number: 750 under optimal conditions.

Concentration: 0.5



C57BL/6 mouse splenocytes stained with biotinylated mCD84.7, followed by Sav-PE

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤1.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

1. Romero X, *et al.* 2005. *J. Immunol.* 174:7033.
2. Fedeli M, *et al.* 2009. *J. Immunol.* 183:2506. PubMed

Description: CD84 is a 64-82 kD glycoprotein. It is a member of the SLAM (CD150) family, a CD2 subset of the Ig superfamily, also known as SLAMF5 or Ly9b. CD84 is expressed on B cells, monocytes, thymocytes, subset of T cells, and platelets. CD84 functions as a homophilic adhesion molecule and enhances T cell activation and cytokine production.

Antigen References:

1. de la Fuente MA, *et al.* 1997. *Blood* 90 (6):2398.
2. Tangye SG, *et al.* 2002. *Eur. J. Immunol.* 32(6):1640.
3. Tangye SG, *et al.* 2003. *J. Immunol.* 171:2485.
4. Martin M, *et al.* 2001. *J. Immunol.* 167:3668.
5. Romero X, *et al.* 2005. *J. Immunol.* 174:7033.

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