

# Product Data Sheet

## Biotin anti-mouse CD84

**Catalog # / Size:** 122803 / 50 µg  
122804 / 500 µg

**Clone:** mCD84.7

**Isotype:** Armenian Hamster IgG

**Immunogen:** Mouse CD84-Fc fusion protein

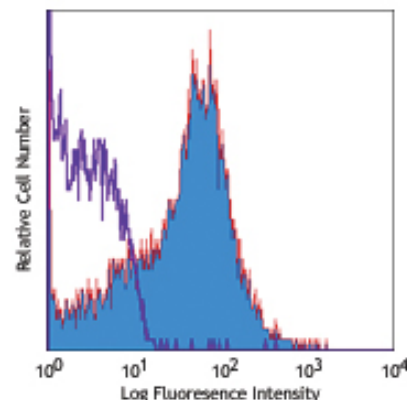
**Reactivity:** Mouse

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

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

**Concentration:** 0.5 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C. **Do not freeze.**



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

## Applications:

**Applications:** FC - Quality tested

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent 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.

### Related Products:

Product  
APC Streptavidin  
PE Streptavidin  
Cell Staining Buffer  
Biotin Armenian Hamster IgG Isotype Ctrl  
TruStain fcX™ (anti-mouse CD16/32)

### Clone

HTK888  
93

### Application

FC, ICFC  
FC, ICFC  
FC, ICC, ICFC  
FC, ICFC  
FC



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