

APC/Fire™ 750 anti-mouse CD366 (Tim-3)

Catalog # / Size: 1270090 / 100 µg
1270085 / 25 µg

Clone: B8.2C12

Isotype: Rat IgG1, κ

Immunogen: mTim-3 protein/Freund adjuvant

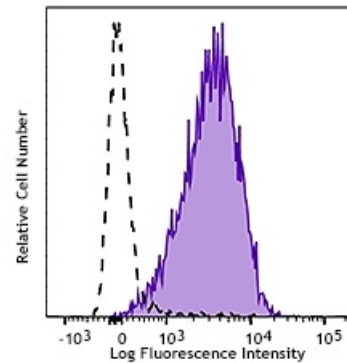
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with APC/Fire™ 750 under optimal conditions.

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

Workshop Number: 750 under optimal conditions.

Concentration: 0.2 mg/ml

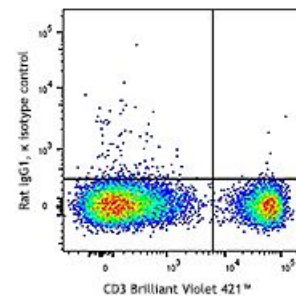


Mouse CD366 (Tim-3) transfected cells were stained with CD366 (Tim-3, clone B8.2C12) APC/Fire™ 750 (filled histogram) or rat IgG1, κ APC/Fire™ 750 (open histogram).

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 ≤ 0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.



* APC/Fire™ 750 has a maximum excitation of 650 nm and a maximum emission of 787 nm.

C57BL/6 mouse bone marrow cells were stained with CD150 (SLAM) (clone TC15-12F12.2) APC/Fire™ 750 (filled histogram) or rat IgG2a, κ APC/Fire™ 750 isotype control (open histogram).

Application Notes: Clone B8.2C12 only binds to the BALB/c allele of Tim-3.

Application References: 1. del Rio ML, et al. 2011. *Transpl. Int.* 24:501. (FC) [PubMed](#)

Description: CD366 (Tim-3) is a transmembrane protein also known as T cell immunoglobulin and mucin domain containing protein-3. Tim-3 is expressed at high levels on Th1 lymphocytes and CD11b⁺ macrophages. Tim-3 has also been shown to exist as a soluble protein. Cells expressing Tim-3 are present at high levels in the CNS of animals at the onset of experimental autoimmune encephalomyelitis (EAE), a disease mediated by lymphocytes secreting Th1-like cytokines. Tim-3 has been proposed to inhibit Th1-mediated immune responses and promote immunological tolerance.

- Antigen**
- References:**
1. Sabatos CA, et al. 2003. *Nat. Immunol.* 4:1102
 2. Kuchroo VK, et al. 2003. *Nat. Rev. Immunol.* 3:454
 3. Mooney L, et al. 2002. *Nature.* 415:536
 4. Rodriguez-Manzanet R, et al. 2009. *Immunol. Rev.* 229(1):259