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APC Anti-Mouse CD366/Tim-3 Antibody[RMT3-23]

Catalog Number: E-AB-F1192E

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ Clone No. RMT3-23

APC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832E] Isotype Control

Conjugation

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM**

> of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names TIMD3;HAVcr-2;TIM3;TIMD-3

Uniprot ID Q8VIM0 Gene ID 84868

Background 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 activated T cells (preferentially on Th1 cells, monocytes/macrophages, and dendritic cells). 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.

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