

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

catalog number: E-AB-F1192A

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

Description

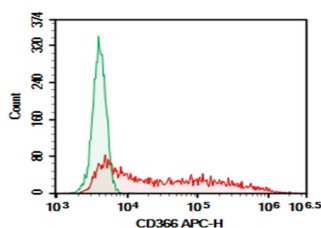
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|---------------------|---|
| Reactivity | Mouse |
| Immunogen | Recombinant Mouse CD366 protein |
| Host | Rat |
| Isotype | Rat IgG2a, κ |
| Clone | RMT3-23 |
| Purification | >98%, Protein A/G purified |
| Buffer | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |

Applications

Recommended Dilution

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| FCM | 2 µg/mL (0.5×10 ⁶ -1×10 ⁶ cells) |
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Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse CD366 gene were stained with 0.2 µg Purified Anti-Mouse CD366 Antibody[RMT3-23] (Right) and 0.2 µg Rat IgG2a, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat IgG Secondary Antibody.

Preparation & Storage

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| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | Ice bag |

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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