

ARG22599 anti-TIM1 / KIM1 antibody [RMT1-10] (PE)

Package: 50 tests
Store at: 4°C

Summary

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|---------------------|---|
| Product Description | PE-conjugated Rat Monoclonal antibody [RMT1-10] recognizes TIM1 / KIM1 |
| Tested Reactivity | Ms |
| Tested Application | FACS |
| Host | Rat |
| Clonality | Monoclonal |
| Clone | RMT1-10 |
| Isotype | IgG2a |
| Target Name | TIM1 / KIM1 |
| Species | Mouse |
| Immunogen | Full-length mouse Tim-1-Ig, containing both the IgV and mucin domains of Tim-1. |
| Conjugation | PE |
| Alternate Names | KIM-1; TIM1; TIM-1; TIMD-1; HAVcr-1; KIM1; HAVCR; TIMD1; CD365; T-cell immunoglobulin and mucin domain-containing protein 1; TIM; HAVCR-1; T-cell immunoglobulin mucin receptor 1; T-cell membrane protein 1; Kidney injury molecule 1; Hepatitis A virus cellular receptor 1 |

Application Instructions

| | | |
|-------------------|---|-------------|
| Application table | Application | Dilution |
| | FACS | Neat - 1:10 |
| Application Note | <p>FACS: Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p> | |

Properties

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| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS, 0.09% Sodium azide, 1% BSA and 5% Sucrose. |
| Preservative | 0.09% Sodium azide |
| Stabilizer | 1% BSA and 5% Sucrose |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|----------------|---|
| Gene Symbol | Havcr1 |
| Gene Full Name | hepatitis A virus cellular receptor 1 |
| Background | The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 12 and 19. [provided by RefSeq, Apr 2015] |
| Function | May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4 (By similarity). In case of human hepatitis A virus (HHAV) infection, functions as a cell-surface receptor for the virus. May play a role in kidney injury and repair. [UniProt] |
| Calculated Mw | 39 kDa |