

PerCP/Cyanine5.5 anti-human CD355 (CRTAM) Antibody

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|--------------------------|--|
| Catalog# / Size | 339111 / 25 tests 339112 / 100 tests |
| Clone | Cr24.1 |
| Regulatory Status | RUO |
| Other Names | Class I-MHC-Restricted T-cell Associated Molecule |
| Isotype | Mouse IgG2a, κ |
| Description | CRTAM, (class-I MHC-restricted T-cell associated molecule), is homodimer protein belonging to Ig superfamily. It is expressed transiently on activated NK cells, NKT cells and a subset of CD8 ⁺ T cells. Nectin-like molecule-2 (Nect2, TSCL1) is the ligand of CRTAM. CRTAM plays an important role in cell adhesion and migration. |

Product Details

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| Verified Reactivity | Human |
| Antibody Type | Monoclonal |
| Host Species | Mouse |
| Immunogen | CRTAM-P815 cells |
| Formulation | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA) |
| Preparation | The antibody was purified by affinity chromatography and conjugated with PerCP/Cyanine5.5 under optimal conditions. |
| Concentration | Lot-specific (to obtain lot-specific concentration, please enter the lot number in our Concentration and Expiration Lookup or Certificate of Analysis online tools.) |
| Storage & Handling | The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze. |
| Application | FC - Quality tested |
| 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 5 μ l per million cells in 100 μ l staining volume or 5 μ l per 100 μ l of whole blood. * PerCP/Cyanine5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm. |
| Excitation Laser | Blue Laser (488 nm) |
| Application References | 1. Kent S, <i>et al.</i> 2005. <i>Blood</i> . 106:779 |
| (PubMed link indicates BioLegend citation) | |
| RRID | AB_2783221 (BioLegend Cat. No. 339111) AB_2783222 (BioLegend Cat. No. 339112) |

Antigen Details

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|---------------------|---|
| Structure | Dimer, Ig superfamily |
| Distribution | Activated NK cells and subset of CD8 ⁺ cells |
| Function | Adhesion and migration |

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|---------------------------|---|
| Ligand/Receptor | Nectin-like molecule 2 (Necl2) |
| Cell Type | NK cells, T cells |
| Biology Area | Immunology |
| Molecular Family | Adhesion Molecules, CD Molecules, MHC Antigens |
| Antigen References | 1. Arase N, <i>et al.</i> 2005. <i>Intl. Immunol.</i> 17:1227 2. Kennedy J, <i>et al.</i> 2000. <i>J. Leukoc. Biol.</i> 67:725 |
| Gene ID | 56253 |

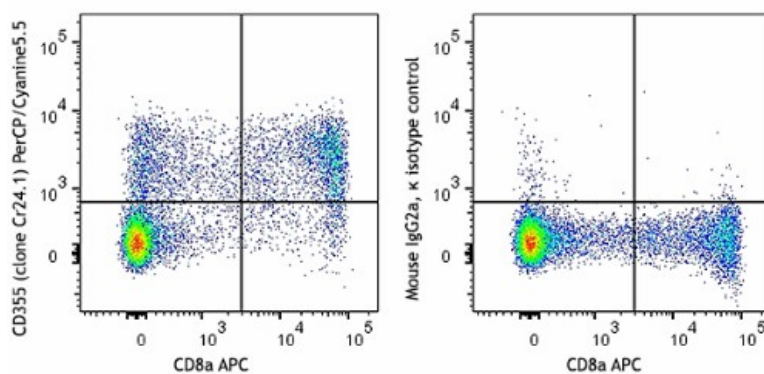
Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

PerCP/Cyanine5.5 anti-human CD355 (CRTAM), Ultra-LEAF™ Purified anti-human CD355 (CRTAM), Purified anti-human CD355 (CRTAM), PE anti-human CD355 (CRTAM), APC anti-human CD355 (CRTAM)

Product Data



PMA/Ionomycin-stimulated (6 hours) human peripheral blood lymphocytes were stained with CD8a (clone RPA-T8) APC and CD355 (clone Cr24.1) PerCP/Cyanine5.5 (left) or Mouse IgG2a, κ Isotype Control (right).

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