

PerCP/Cyanine5.5 anti-human CD352 (NTB-A) Antibody

Catalog# / Size	332311 / 25 tests 332312 / 100 tests
Clone	W19035D
Regulatory Status	RUO
Other Names	SLAMF6, LY108, TCOM, SF2000, NTBA
Isotype	Rat IgG2a, κ
Description	NTBA (NK-, T-, and B-cell Antigen) is a 60 kD type I transmembrane glycoprotein. It is a member of Ig superfamily belonging to CD2/CD150 subfamily, also known as SLAMF6 (SLAM family member 6), LY108, TCOM, or SF2000. This antigen is expressed on NK cells, T cells (upregulated upon activation), and B cells. NTBA is its own ligand. The homophilic interaction of NTBA is involved in the induction of NK cytotoxicity, CD28 independent T cell costimulation, triggering Th1 cytokines production, and regulation of B cell tolerance. It may play a role in the regulation of autoimmune diseases.

Product Details

Verified Reactivity	Human
Antibody Type	Monoclonal
Host Species	Rat
Immunogen	Recombinant human CD352 protein
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 and expiration, please enter the lot number in our Certificate of Analysis online tool.)
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. It is recommended that the reagent be titrated for optimal performance for each application. * PerCP/Cyanine5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.
Excitation Laser	Blue Laser (488 nm)

Antigen Details

Structure	Type I transmembrane tyrosine-phosphorylated glycoprotein, CD2/CD150 subfamily, 60 kD
Distribution	NK cells, T cells, B cells
Function	CD28 independent T cell costimulation, induction of NK cell cytotoxicity, regulation of B cell tolerance

Ligand/Receptor NTBA

Antigen References

1. Yigit B, *et al.* 2019. *Cancer Immunol. Res.* 10.1158/2326-6066
2. Wu N, *et al.* 2016. *Nature Immunol.* 17, 387-396
3. Radomir L, *et al.* 2017. *J. Immunol.* 199(8) 2745-2757

Gene ID [114836](#)

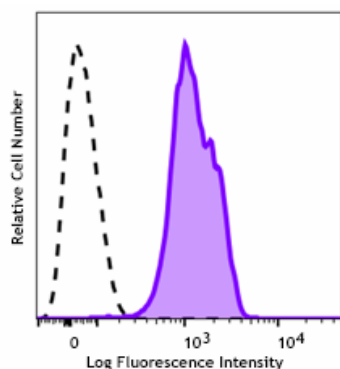
Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

PE anti-human CD352 (NTB-A) Antibody, Purified anti-human CD352 (NTB-A) Antibody, PE/Cyanine7 anti-human CD352 (NTB-A), APC anti-human CD352 (NTB-A), Brilliant Violet 650™ anti-human CD352 (NTB-A) Antibody, PerCP/Cyanine5.5 anti-human CD352 (NTB-A)

Product Data



Human peripheral blood lymphocytes were stained with anti-human CD352 (NTB-A) (clone W19035D) PerCP/Cyanine5.5 (filled histogram) and rat IgG2a, κ PerCP/Cyanine5.5 isotype control (open histogram).

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