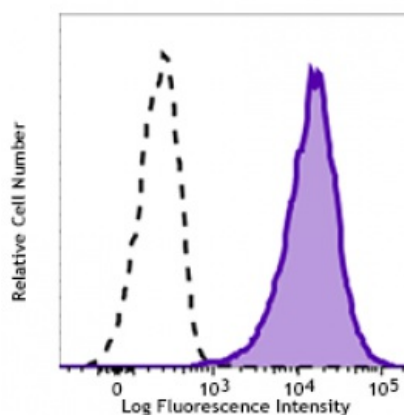


**PerCP/Cy5.5 anti-mouse CD253 (TRAIL)**

<b>Catalog # / Size:</b>	1146565 / 25 µg 1146570 / 100 µg
<b>Clone:</b>	N2B2
<b>Isotype:</b>	Rat IgG2a, κ
<b>Immunogen:</b>	Mouse TRAIL-transfected 2PK-3 cells
<b>Reactivity:</b>	Mouse
<b>Preparation:</b>	The antibody was purified by affinity chromatography and conjugated with PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 and unconjugated antibody.
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Concentration:</b>	0.2 mg/ml

**Applications:**

<b>Applications:</b>	Flow Cytometry
<b>Recommended Usage:</b>	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 $\leq 1.0$ µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.
<b>Application Notes:</b>	Additional reported applications (for the relevant formats) include: <i>in vitro</i> blocking of NK cell cytotoxicity <sup>1,2</sup> .



Mouse TRAIL transfected L5718Y cells were stained with CD253 (clone N2B2) PerCP/Cy5.5 (filled histogram) or Rat IgG2a

<b>Application References:</b>	1. Kayagaki N, <i>et al.</i> 1999. <i>J. Immunol.</i> 163:1906. 2. Wiley SR, <i>et al.</i> 1995. <i>Immunity</i> 3:673. 3. Wu GS, <i>et al.</i> 1999. <i>Cancer Res.</i> 59:2770. 4. Mariani SM, <i>et al.</i> 1998. <i>Eur. J. Immunol.</i>
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**Description:** CD253 is a 40 kD TNF superfamily member known as TRAIL, Apo-2 ligand, and Apo-2L. TRAIL is expressed on a variety of cells, including IL-2 and IL-15 activated NK cells and activated T cells. However, it is undetectable on resting T and B cells. TRAIL has been reported to induce apoptosis in tumor and transformed cell lines by a caspase-dependent process. The N2B2 antibody has been reported to be useful for flow cytometric staining and blocking NK cell cytotoxicity *in vitro*.

<b>Antigen References:</b>	1. Kayagaki N, <i>et al.</i> 1999. <i>J. Immunol.</i> 163:1906. 2. Wiley SR, <i>et al.</i> 1995. <i>Immunity</i> 3:673. 3. Wu GS, <i>et al.</i> 1999. <i>Cancer Res.</i> 59:2770. 4. Mariani SM, <i>et al.</i> 1998. <i>Eur. J. Immunol.</i>
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