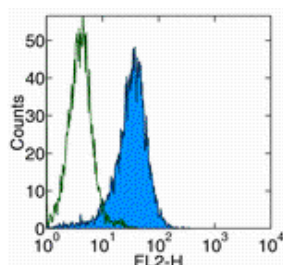


Anti-Human CD253 (TRAIL) Purified

Catalog Number: 14-9927

Also Known As: TNFSF10, TL2, APO2L

RUO: For Research Use Only. Not for use in diagnostic procedures.



Surface staining of human TRAIL transfected cells with Anti-Human CD253 (TRAIL) PE. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human CD253 (TRAIL) Purified

REF **Catalog Number:** 14-9927

Clone: RIK-2

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The RIK-2 monoclonal antibody reacts with human TNF-related apoptosis-inducing ligand (TRAIL), a member of the TNF superfamily. TRAIL is not expressed by resting human cells but has been shown to be induced under certain activation conditions. In addition it is expressed on several human tumor lines. Interaction of TRAIL with its ligand, Apo-2, induces apoptosis. RIK-2 blocks TRAIL-induced apoptosis.

Applications Reported

The RIK-2 antibody has been reported for use in flow cytometric analysis. It has also been reported in blocking of TRAIL in functional assays. (Please use Functional Grade purified RIK-2, cat. 16-9927, in functional assays.)

Applications Tested

The RIK-2 antibody has been tested for blocking of staining with fluorochrome conjugated RIK-2 in flow cytometric analysis of human TRAIL transfected cells. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Kaplan MJ, Ray D, Mo RR, Yung RL, Richardson BC. TRAIL (Apo2 ligand) and TWEAK (Apo3 ligand) mediate CD4⁺ T cell killing of antigen-presenting macrophages. J Immunol. 2000 Mar 15;164(6):2897-904.

Kayagaki N, Yamaguchi N, Nakayama M, Takeda K, Akiba H, Tsutsui H, Okamura H, Nakanishi K, Okumura K, Yagita H. Expression and function of TNF-related apoptosis-inducing ligand on murine activated NK cells. J Immunol. 1999 Aug 15;163(4):1906-13.

Related Products

11-4011 Anti-Mouse IgG FITC

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.1)