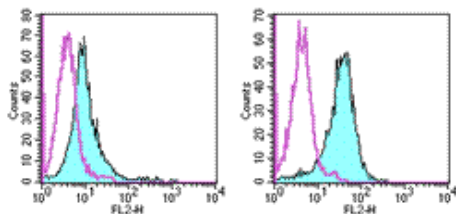


## Anti-Human CD253 (TRAIL) PE

Catalog Number: 12-9927

Also Known As: TNFSF10, TL2, APO2L

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



Staining of non-transfected (left) and human TRAIL transfected 2PK3 cells (right) with staining buffer (autofluorescence) (open histogram) or Anti-Human CD253 (TRAIL) PE (filled histogram). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Human CD253 (TRAIL) PE


**REF** **Catalog Number:** 12-9927

**Clone:** RIK-2


**Concentration:** 5  $\mu$ L (0.06  $\mu$ g)/test

**Host/Isotype:** Mouse IgG1, kappa

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

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

 **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.

### Applications Tested

The RIK-2 antibody has been pre-titrated and tested by flow cytometric analysis of human TRAIL transfected cells. This can be used at 5  $\mu$ L (0.06  $\mu$ g)/per test. A test is defined as the amount ( $\mu$ g)/test of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  cells/test.

### 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

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.1)

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