

Product Data Sheet

PE anti-mouse DcTRAIL-R2

Catalog # / Size: 133703 / 25 µg

Clone: mDcR2-1

Isotype: Armenian Hamster IgG

Immunogen: mDcTRAIL-R2-Fc

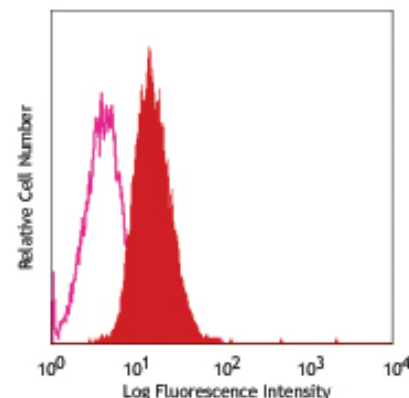
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Mouse macrophage cell line RAW
stained with mDcR2-1 PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: Mouse Decoy Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL) Receptor 2 (mDcTRAIL-R2) is highly homologous to mDcTRAIL R1. It is a GPI-anchored mouse TNF receptor super-family member that lacks a cytoplasmic death domain. It is expressed on many cell types, including some tumor cells. It was reported that overexpression of mDcTRAIL-R2 did not induce caspase activation that is characteristic of death receptor signaling. mDcTRAIL-R2 appears to have a negative effect against TRAIL receptors because it lacks an intracellular death domain, and produces a competitive blockage of TRAIL-mediated apoptosis. The role of the DcTRAIL-R2 in apoptosis has not yet been completely clarified.

Antigen References:

1. Schneider P, et al. 2003. *J. Bio. Chem.* 278(7):5444
2. Yagyu S, et al. 2008. *Clin Cancer Res.* 14 (21):7011
3. Ashkenazi A, et al. 1998. *Science.* 281:1305

Related Products:

Product
PE Armenian Hamster IgG Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
TruStain fcX™ (anti-mouse CD16/32)

Clone
HTK888

93

Application
FC, ICFC
FC, ICC, ICFC
FC, ICFC
FC



For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.



*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, www.biollegend.com/ordering#license). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.