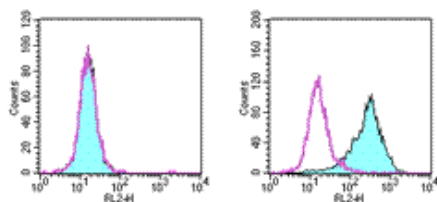


## Anti-Mouse CD262 (DR5) Purified

Catalog Number: 14-5883

Also Known As: TRAIL-R2, TRAILR2, TNFRSF10B

RUO: For Research Use Only



Staining of non-transfected (left) and mouse DR5-transfected (right) BHK cells with 0.125 µg of Armenian Hamster IgG Isotype Control Functional Grade Purified (cat. 16-4888) (open histogram) or 0.125 µg purified Anti-Mouse CD262 (DR5) Purified (filled histogram) followed by Anti-Armenian Hamster IgG Biotin (cat. 13-4113) and Streptavidin PE (cat. 12-4317). Total viable cells were used for analysis.

### Product Information

Contents: Anti-Mouse CD262 (DR5) Purified

**REF** Catalog Number: 14-5883

Clone: MD5-1

Concentration: 0.5 mg/ml

Host/Isotype: Armenian Hamster IgG

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 MD5-1 monoclonal antibody reacts with mouse DR5, also known as TRAIL-R2, Apo2, TRICK2, and KILLER. DR5 binds to TRAIL, activates NF-κB, and induces TRAIL-mediated apoptosis. DR5 mRNA is expressed broadly by normal tissue and human antigen is also expressed by some tumor cell lines.

### Applications Reported

The MD5-1 antibody has been reported for use in flow cytometric analysis. It has also been reported for use in functional assays. (Please use Functional Grade purified MD5-1, cat. 16-5883, in functional assays.)

### Applications Tested

The MD5-1 antibody has been tested by flow cytometric analysis of mouse DR5-transfected cells. This can be used at less than or equal to 0.25 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 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### References

Sheridan, J. P., S. A. Marster, R. M. Pitti, A. Gurney, M. Skubatch, D. Baldwin, L. Ramakrishnan, C. L. Gray, K. Baker, W. I. Wood, A. D. Goddard, P. Godowski, A. Ashkenazi. 1997. Control of TRAIL-Induced Apoptosis by a Family of Signaling and Decoy Receptors. *Science* 277:818-821.

Takeda K, Yamaguchi N, Akiba H, Kojima Y, Hayakawa Y, Tanner JE, Sayers TJ, Seki N, Okumura K, Yagita H, Smyth MJ. 2004. Induction of Tumor-specific T Cell Immunity by Anti-DR5 Antibody Therapy. *J Exp Med*. Feb 16;199(4):437-48. Epub 2004 Feb 09.

### Related Products

11-4111 Anti-Armenian Hamster IgG FITC

11-4317 Streptavidin FITC

12-4317 Streptavidin PE

13-4113 Anti-Armenian Hamster IgG Biotin (Polyclonal)

14-4888 Armenian Hamster IgG Isotype Control Purified (eBio299Arm)

17-4317 Streptavidin APC