PE Mouse Anti-Human TRAIL-R2 (CD262)

Product Information
Material Number: 565499
Alternate Name: TNFRSF10B, DR5, KILLER, TRAILR2, TRICK2, ZTNFR9
Size: 100 Tests
Vol. per Test: 5 µl/test
Clone: YM366
Immunogen: Human DR5/TRAIL-R2 Recombinant Protein
Isotype: Mouse (BALB/c) IgG1, κ
Reactivity: QC Testing: Human
Storage Buffer: Aqueous buffered solution containing BSA, protein stabilizer, and ≤0.09% sodium azide.

Description
The YM366 monoclonal antibody specifically binds to TNF-related apoptosis-inducing ligand receptor 2 (TRAIL Receptor 2, TRAIL-R2) which is also known as, CD262, Death receptor 5 (DR5), TRICK2, or KILLER. CD262 is a type I transmembrane protein that is encoded by TNFRSF10B (Tumor necrosis factor receptor superfamily, member 10b). CD262 forms a homotrimERIC receptor complex that can bind homotrimeric TRAIL (CD253/APO-2 Ligand) and transduce apoptotic signals intracellularly through its cytoplasmic death domain (DD). CD262 is differentially expressed on cells from a wide variety of normal tissues and tumors. CD262 expression is upregulated by Interferon-α (IFN-α).

Preparation and Storage
Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.
The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

Application Notes
Application
Flow cytometry Routinely Tested

Suggested Companion Products
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<tr>
<th>Catalog Number</th>
<th>Name</th>
<th>Size</th>
<th>Clone</th>
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<tbody>
<tr>
<td>554656</td>
<td>Stain Buffer (FBS)</td>
<td>500 mL</td>
<td>(none)</td>
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<tr>
<td>554657</td>
<td>Stain Buffer (BSA)</td>
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<tr>
<td>554680</td>
<td>PE Mouse IgG1, κ Isotype Control</td>
<td>0.1 mg</td>
<td>MOPC-21</td>
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Product Notices
1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use $1 \times 10^6$ cells in a 100-µl experimental sample (a test).
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
4. For fluorochrome spectra and suitable instrument settings, please refer to our Multicolor Flow Cytometry web page at www.bdbiosciences.com/colors.
5. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
6. An isotype control should be used at the same concentration as the antibody of interest.

References