**Basic Information**

- **Catalog Number:** 17235-1-AP
- **Size:** 150μl, Concentration: 300 μg/ml by Nanodrop
- **Source:** Rabbit
- **Isotype:** IgG
- **Immunogen Catalog Number:** AG11078
- **GenBank Accession Number:** BC032722
- **GeneID (NCBI):** 8743
- **Full Name:** Tumor necrosis factor (ligand) superfamily, member 10
- **Calculated MW:** 281 aa, 33 kDa
- **Purification Method:** Antigen affinity purification

**Applications**

- **Tested Applications:** ELISA
- **Cited Applications:** FC, WB
- **Species Specificity:** human
- **Cited Species:** human

**Background Information**

TRAIL is a 30 kD protein known as TNF-related apoptosis inducing ligand, CD253, TNFSF10, or Apo-2L. It is expressed as two kinds of forms: cell surface protein (30 kD) and soluble ligand (19-20 kD) produced by megakaryocytes and platelets, monocytes, neutrophils, NK cells and activated T cells. This antigen is also expressed on tumor cells and transformed cell lines. TRAIL has been reported to induce apoptosis in tumor and transformed cell lines by a caspase-dependent process.

**Notable Publications**

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jianjun Zhang</td>
<td>19676053</td>
<td>Int J Cancer</td>
<td>WB</td>
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<tr>
<td>H-Y Li</td>
<td>25611379</td>
<td>Cell Death Dis</td>
<td>WB</td>
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<tr>
<td>Zilin Nie</td>
<td>29265214</td>
<td>J Immunol</td>
<td>FC</td>
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</tbody>
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**Storage**

- **Storage:** Store at -20°C. Stable for one year after shipment.
- **Storage Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
- **Aliquoting is unnecessary for -20°C storage**

*** 20μl sizes contain 0.1% BSA

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For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
W: ptglab.com

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