

30-2204: Anti-CD253 / TRAIL Monoclonal Antibody (Clone:2E5)-PE Conjugated

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| Clonality : | Monoclonal |
| Clone Name : | 2 E 5 |
| Application : | Functional Assay |
| Reactivity : | Human |
| Conjugate : | PE |
| Gene : | TNFSF10 |
| Gene ID : | 8743 |
| Uniprot ID : | P50591 |
| Alternative Name : | TNFSF10,APO2L,TRAIL |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Recombinant soluble fragment (aa 95-281) of human TRAIL. |

Description

Human CD253 / TRAIL (TNF-Related Apoptosis Inducing Ligand), also called Apo2, is a type II membrane protein from the TNF family. TRAIL is a cytotoxic protein which activates rapid apoptosis in tumor cells, but not in normal cells. TRAIL-induced apoptosis, is achieved through binding to two death-signaling receptors, DR4 (CD261 / TRAIL-R1) and DR5 (CD262 / TRAIL-R2).

Product Info

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| Amount : | 0.1 mg |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

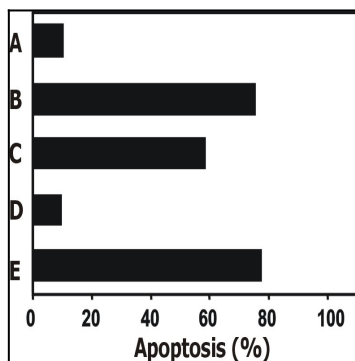


Figure 1: Apoptosis induced in JURKAT human T cell leukemia cell line by soluble recombinant human TRAIL is completely blocked by anti-human TRAIL (2E5). The neutralizing activity of the antibody 2E5 has been confirmed with various sources of soluble recombinant human TRAIL. A - medium B - recombinant TRAIL C - recombinant TRAIL + anti-human TRAIL (2E5; 0.06 µg/ml) D - recombinant TRAIL + anti-human TRAIL (2E5; 0.24 µg/ml) E - recombinant TRAIL + Isotype mouse IgG1 control