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43-1071: Monoclonal Antibody to Human CD253 (TRAIL) NALE™ Purified (Clone: RIK-2)

Clonality :	Monoclonal
Clone Name :	RIK-2
Application :	FACS
Reactivity :	Human
Gene :	TNFSF10
Gene ID :	8743
Uniprot ID :	P50591
Alternative Name :	APO2L,Â TRAIL, Apo-2 ligand, TNF-related apoptosis-inducing ligand
Isotype :	Mouse IgG1, kappa

Description

The RIK-2 monoclonal antibody recognizes human CD253, otherwise known as the TNF-related apoptosis inducing ligand (TRAIL) or tumor necrosis factor (ligand) superfamily member 10 (TNFSF10). 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 and DR5. These receptors belong to the TNFR superfamily of transmembrane proteins and contain a cytoplasmic "death domain", which activates the cell's apoptotic machinery. The RIK-2 antibody is reported to block cellular apoptosis induced by TRAIL.

Product Info

Amount :	100 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.