

### 30-2613: Anti-Human CD253 APC (Clone : 2E5)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	2E5
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	APC
<b>Gene :</b>	TNFSF10
<b>Gene ID :</b>	8743
<b>Alternative Name :</b>	TRAIL, Apo-2 ligand, Apo-2L, TNFSF10, APO2L, TNLG6A, TNF superfamily member 10
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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).

Specificity : The antibody 2E5 reacts with an extracellular epitope within C-terminal half of TRAIL (APO-2L), a 21 kDa cytotoxic protein, activator of rapid apoptosis in tumor cells. TRAIL is mainly expressed in spleen, lung, prostate and also in many other tissues.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
<b>Content :</b>	0.1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.