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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse Anti-CD253/TRAIL Monoclonal Antibody

CLX106NA
CLX106PE

Clone: 2E5

Isotype: Mouse IgG1

Specificity:

The antibody 2E5 reacts with 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.

Immunogen: Recombinant soluble fragment (aa 95-281) of human TRAIL.

Species Reactivity: Human.

Application:

Functional Application (CLX106NA)
The antibody 2E5 has high neutralizing activity for human TRAIL in biological assays.
Flow Cytometry (CLX106PE; CLX106NA)
Recommended dilution: 1-10 µg/ml

***Optimal working concentrations should be determined by each investigator.**

Conjugate Preparation:

PE: The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

Presentation:

Azide Free: 0.1 mg (1 mg/mL) purified IgG buffered in PBS without sodium azide, approx. pH 7.4. 0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg of the protein, as determined by the LAL test. (Purified from hybridoma culture supernatant by protein-A affinity chromatography).
PE: 0.1 mg (0.1 mg/mL) PE conjugated IgG buffered in PBS with 15 mM sodium azide, approx. pH 7.4.

Storage / Stability:

Store in the dark at 2-8°C. Do not freeze all formats. Avoid prolonged exposure to light of PE conjugate. Do not use after expiration date stamped on vial label.

Continued Overleaf…..

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Background:

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 apotosis, is achieved through binding to two dealth-signaling receptors, DR4 (CD261 / TRAIL-R1) and DR5 (CD262 / TRAIL-R2).

References:

Plasilova M, Zivny J, Jelinek J, Neuwirtova R, Cermak J, Necas E, Andera L, Stopka T: TRAIL (Apo2L) suppresses growth of primary human leukemia and myelodysplasia progenitors. Leukemia. 2002 Jan;16(1):67-73.
Hyer ML, Croxton R, Krajewska M, Krajewski S, Kress CL, Lu M, Suh N, Sporn MB, Cryns VL, Zapata JM, Reed JC: Synthetic triterpenoids cooperate with tumor necrosis factor-related apoptosis-inducing ligand to induce apoptosis of breast cancer cells. Cancer Res. 2005 Jun 1;65(11):4799-808.

Laboratory Reagent For Research Use Only

JK 07/05/17