

Anti-Hu CD261 Purified TNFRSF10A Monoclonal Antibody

Catalog Number: M02152

About TNFRSF10A

TRAIL-R1 (CD261, DR4) is a type I transmembrane protein, also called TRAIL receptor 1. The ligand for this DR4 death receptor has been identified and termed TRAIL, which is a member of the TNF family. DR4, as many other receptors (Fas, TNFR1, etc.), mediates apoptosis and NF kappaB activation in many cells and tissues. Apoptosis, a programmed cell death, is a operating process in normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by coupled of certain cytokines (TNF family - TNF, Fas ligand) and their death domain containing receptors (TNFR1, Fas receptor).

Overview

Product Name	Anti-Hu CD261 Purified TNFRSF10A Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD261 Purified TNFRSF10A Monoclonal Antibody (Catalog# M02152). Tested in Flow Cytometry, IP, ICC application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, ICC
Clonality	Monoclonal DR-4-02
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	O00220

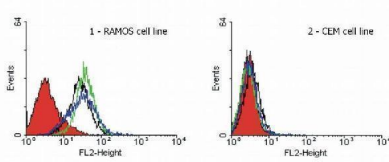
Technical Details

Immunogen	Fusion protein containing the extracellular part of TRAIL-R1 and the constant part of the heavy chain of the human IgG1. The mouse monoclonal antibody DR-4-02 recognizes an extracellular epitope of TRAIL-R1 (DR4), a human death receptor 4 expressed in most human tissues (spleen, peripheral blood leucocytes, thymus) and in a variety of tumour-derived cell lines.
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.

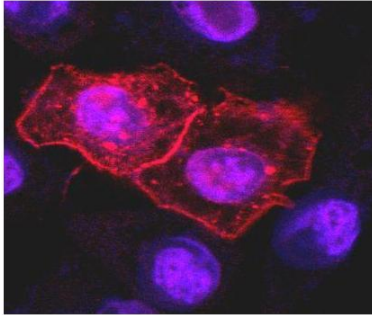
Suggested Dilutions

Flow cytometry: 1-4 ug/ml.

Anti-Hu CD261 Purified TNFRSF10A Monoclonal Antibody (M02152) Images



Flow cytometry analysis of TRAIL-R1 expression on the surface of hematopoietic cell lines. Cells were stained with purified anti-TRAIL-R1 antibodies followed by Goat anti-mouse IgG PE.



Immunocytochemistry staining (confocal microscopy) of HeLa human cervix carcinoma cell line transfected with TRAIL-R1 expression plasmid using anti-human TRAIL-R1 (DR-4-02).

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