

ARG62791
anti-CD263 / TRAIL R3 antibody [TRAIL-R3-02]Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [TRAIL-R3-02] recognizes CD263 / TRAIL R3
Tested Reactivity	Hu
Tested Application	FACS
Specificity	The clone TRAIL-R3-02 reacts with TRAIL-R3, a 35 kDa GPI-anchored extracellular membrane protein expressed mainly on neutrophils.
Host	Mouse
Clonality	Monoclonal
Clone	TRAIL-R3-02
Isotype	IgG1
Target Name	CD263 / TRAIL R3
Immunogen	TRAIL-R3 (aa 1-280) - hlgGhc fusion protein
Conjugation	Un-conjugated
Alternate Names	Lymphocyte inhibitor of TRAIL; Antagonist decoy receptor for TRAIL/Apo-2L; TNF-related apoptosis-inducing ligand receptor 3; DCR1; TRID; CD antigen CD263; Tumor necrosis factor receptor superfamily member 10C; CD263; Decoy TRAIL receptor without death domain; LIT; Decoy receptor 1; Dcr1; DCR1-TNFR; TRAIL-R3; TRAIL receptor 3; TRAILR3; TRAIL receptor without an intracellular domain

Application Instructions

Application table	Application	Dilution
	FACS	1 - 4 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein A.
Purification Note	0.2 µm filter sterilized.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

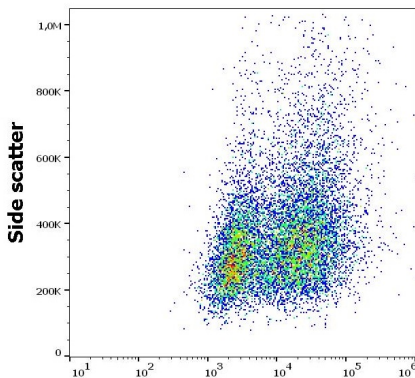
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

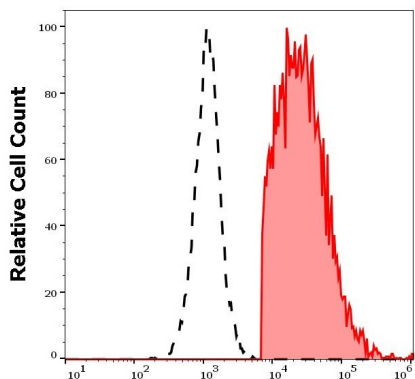
Database links	GeneID: 8794 Human Swiss-port # O14798 Human
Gene Symbol	TNFRSF10C
Gene Full Name	tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain
Background	TRAIL-R3 (CD263, TR3, DcR1, LIT, TRID), expressed mainly on neutrophils, belongs to receptors of TRAIL, a TNF-like membrane cytotoxic protein that induces apoptosis in many tumour cells, but not in normal cells. TRAIL-R3, however, is a GPI-anchored protein that lacks cytoplasmic death domain, thus it is unable to induce apoptosis and serves as a negative regulator of apoptotic signaling by competing for binding of TRAIL with death receptor 5 (DR5).
Function	Receptor for the cytotoxic ligand TRAIL. Lacks a cytoplasmic death domain and hence is not capable of inducing apoptosis. May protect cells against TRAIL mediated apoptosis by competing with TRAIL-R1 and R2 for binding to the ligand. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody; Immune System antibody
Calculated Mw	27 kDa
PTM	N-glycosylated and O-glycosylated.

Images



ARG62791 anti-CD263 / TRAIL R3 antibody [TRAIL-R3-02] FACS image

Flow Cytometry: CD263 transfected HEK-293 cells stained with ARG62791 anti-CD263 / TRAIL R3 antibody [TRAIL-R3-02] at 16 µg/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.



ARG62791 anti-CD263 / TRAIL R3 antibody [TRAIL-R3-02] FACS image

Flow Cytometry: Separation of CD263 transfected HEK-293 cells (red-filled) from non-transfected HEK-293 cells (black-dashed). Cells were stained with ARG62791 anti-CD263 / TRAIL R3 antibody [TRAIL-R3-02] at 16 µg/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.