

DR4 Monoclonal Antibody (DR-4-02), FITC

Catalog NumberA15746

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Published species	Not Applicable
Class	Monoclonal	Tested ApplicationsDilution *	
Type	Antibody	Flow Cytometry (Flow)	3-5 µg/mL
Clone	DR-4-02	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Fusion protein containing the extracellular part of TRAIL-R1 and the constant part of the heavy chain of the human IgG1		
Conjugate	FITC		
Form	Liquid		
Concentration	0.1 mg/mL		
Storage Conditions	4° C, store in dark		

Background/Target Information

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).

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