Datasheet for ABIN135813

anti-FAS antibody

Go to Product page

Overview

Quantity:	0.1 mg
Target:	FAS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAS antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Human CD95 transfected L cells
Clone:	DX2
Isotype:	IgG1
Specificity:	Human/Rhesus/African Green Monkey/Sooty Mangabey CD95, Mr 45 kDa
Characteristics:	Mouse Anti-Human CD95-UNLB
Purification:	Purified

Target Details

Target:	FAS
Alternative Name:	CD95 (FAS Products)
Background:	CD95, also known as Fas and Apo-1, is a 40-50 kDa type I transmembrane glycoprotein and a

Target Details

	member of the tumor necrosis factor receptor superfamily. It is expressed by activated lymphocytes, monocytes, neutrophils, fibroblasts and cell lines. Fas ligand binding to CD95 induces apoptosis in activated mature lymphocytes thereby playing a role in maintaining peripheral tolerance. Crosslinking of CD95 by the monoclonal antibodies DX2 and DX3 delivers an apoptotic signal to Fas-sensitive cells, indicating that these monoclonal antibodies recognize a functional epitope of CD95.
Pathways:	p53 Signaling, Apoptosis, Production of Molecular Mediator of Immune Response, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	• **Applications:** FC - Quality tested , IHC-FS - Reported in literature , IHC-PS - Reported in literature , ICC - Reported in literature , IP - Reported in literature , ELISA - Reported in literature , Apop - Reported in literature • **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/106 cells FITC, BIOT, PE, APC, AF488 and AF647 conjugates 10 L/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
Comment:	in vivo induction of apoptosis
Sample Volume:	1 mL
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL
Buffer:	0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added
Preservative:	Without preservative
Handling Advice:	Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Storage Comment:	Store at 2-8°C