

Datasheet for ABIN135815 **anti-FAS antibody (Biotin)**



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Overview

Quantity:	100 tests
Target:	FAS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAS antibody is conjugated to Biotin
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-BIOT

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 member of the tumor necrosis factor receptor superfamily. It is expressed by activated

Target Details

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

Restrictions: For Research Use only

Handling

Buffer: 100 tests in 1.0 mL of PBS/Sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: **Protect conjugated products from light.**
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