

Datasheet for ABIN187302
anti-FAS antibody



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2 Images

Overview

Quantity:	100 µg
Target:	FAS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAS antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Functional Studies (Func)

Product Details

Immunogen:	Mouse L cells stably over-expressing human Fas.
Clone:	2R2
Isotype:	IgG3
Specificity:	This antibody is specific for human Fas. Species Reactivity: Human. Other species not tested.

Target Details

Target:	FAS
Alternative Name:	CD95 / FAS (FAS Products)
Pathways:	p53 Signaling , Apoptosis , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes: Functional activity: Induces apoptosis, no cross-linking required. Can be used in DISC (death-inducing signaling complex assays): Co-immunoprecipitates FADD and caspase-8 after receptor activation. Flow cytometry The optimal dilution for a specific application should be determined by the researcher. Figure 1. Induction of apoptosis in anti-Fas 2R2 stimulated Jurkat T-cells. Method: (A) Dose response: Jurkat cells (1x10⁵) were treated with agonistic anti-Fas 2R2 antibody at the indicated concentrations for 24 h. Induction of apoptosis was assessed by PI staining of hypodiploid nuclei and subsequent flow cytometry. (B) Time course of apoptosis: Jurkat cells (1x10⁵) were treated with 1 µg/mL anti-Fas 2R2. After the indicated time points apoptosis was determined by FACS measurement of hypodiploid DNA. Figure 2. Detection of Fas surface expression by FACS analysis. Method: Normal L cells (open histogram) and cells stably over-expressing human Fas (filled histogram) were incubated with anti-Fas 2R2 and analyzed by indirect immunofluorescence using PE-labeled secondary antibodies. No immunostaining was obtained with an isotype matched IgG control.

Restrictions: For Research Use only

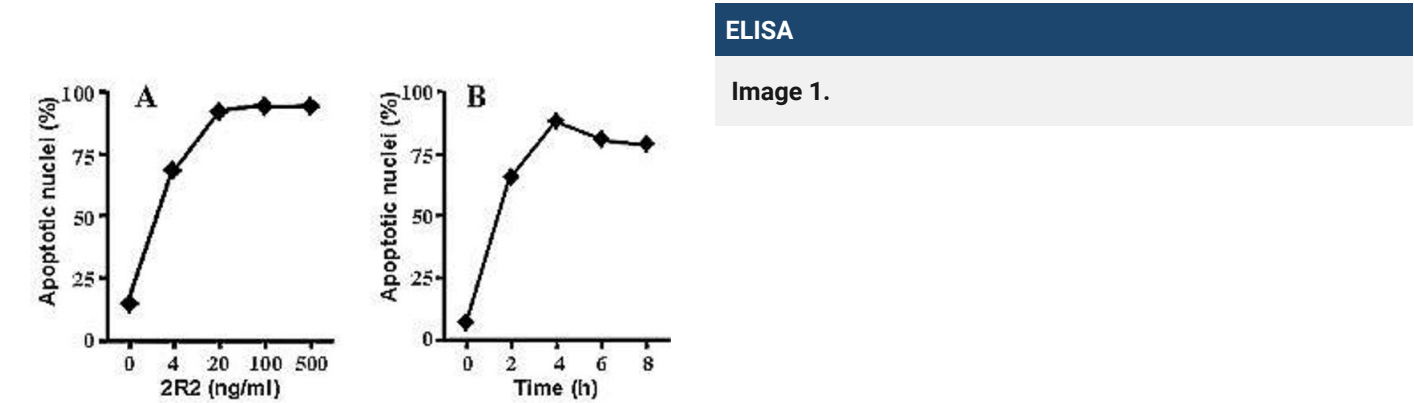
Handling

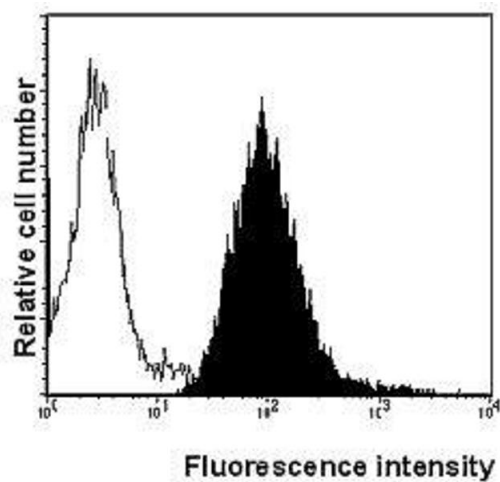
Format: Liquid

Buffer: 100 µg monoclonal antibody at 1 mg/mL purified from concentrated hybridoma tissue culture supernatant. Prepared in PBS containing protein stabilizer. Protein A-affinity purified. Purity 95% by SDS-PAGE.

Storage: 4 °C

Images





Flow Cytometry

Image 2.