

FAS/APO-1 (CD95) PE conjugate. Mouse Single-Color Reagent

BACKGROUND

Activation of either the 55-kD tumor necrosis factor receptor (TNF-R1) or CD95 (Fas/Apo-1) causes apoptosis of cells and liver failure in mice, and has been associated with human liver disorders. The aim of this study was first to clarify the association between CD95 activation, hepatocyte apoptosis, and fulminant liver failure. Next, we investigated whether TNF-R1 and CD95 operate independently of each other in the induction of hepatocyte apoptosis.

IMMUNOGEN

Full length CD95 protein

POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

PBMC: Add 10 µl of MAB/10⁶ PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2° to 8°C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. **WHOLE BLOOD:** Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature 20°C. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.

ORDERING INFORMATION

CATALOG NUMBER

0954

SIZE

100 Tests

FORM

RPE

HOST/CLONE

Mouse Clone 3.22

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG1

APPLICATIONS

Flow Cytometry

SPECIES REACTIVITY

Human

ACCESSION NUMBER

P25445, Human

PURIFICATION

Protein A/G Chromatography

SHIP CONDITIONS

Room Temperature

STORAGE CUSTOMER

Product should be stored at 4-8°C. DO NOT FREEZE

STABILITY

Reagents are stable for the period shown on the vial label when stored properly

REFERENCES

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- 10) Differential CD95 expression and function in T and B lineage acute lymphoblastic leukemia cells. Author : Karawajew L; Wuchter C; Ruppert V; Drexler H; Gruss HJ; Dorken B; Ludwig W. D. Source : Leukemia, 11(8):1245-52 1997 Aug