PRODUCT DATA SHEET

Product: **Anti-Fas-FITC mAb, clone 3.22**

Cat. No.: **MC-102 (100 tests)**

Background:
Activation of either the 55 kDa 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.

Ig Isotype:
Mouse $IgG_{1/\kappa}$

Species Reactivity:
Human. Others not tested.

Format:
1.0 mL of FITC-labeled monoclonal antibody in PBS, 0.08% sodium azide and protein stabilizer.

Storage:
Store at 4°C. Do not freeze.

Applications and Suggested Dilutions:
Monitoring of activated T cells in peripheral blood; Analysis of NK subsets; Study of B cell activation.

- Flow cytometry
- Immunofluorescence

PBMC: Add 10 µL of mAb/10^6 PBMC in 100 µL PBS. Mix gently and incubate for 15 minutes at 4°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 (RT). 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.

The optimal dilution for a specific application should be determined by the researcher.

Limitations:
For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:
No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.