



## PRODUCT DATA SHEET

**Product:** Anti-Fas mAb, clone APO-1-1

**Cat. No.:** MC-098 (100 µg)

**Specificity:**

Reacts specifically with human Fas (APO-1), although the epitope has not been mapped.

**Species Reactivity:**

Human. Others not tested.

**Ig Isotype:**

Mouse IgG<sub>1</sub>. This antibody is an isotype-switch variant of anti-Fas, clone APO-1-3 (IgG<sub>3</sub>).

**Immunogen:**

Human B lymphoblast cell line SKW6.4 cell surface molecules.

**Format:**

1 mL of 100 µg/mL monoclonal antibody in PBS. Purity is >95% IgG<sub>1</sub> as determined by SDS-gel electrophoresis.

**Storage:**

Store at 4°C. After opening, aliquot and freeze at -20°C.

**Applications and Suggested Dilutions:**

- Functional studies: APO-1-1 will efficiently induce apoptosis if it is used with a cross-linker such as Protein A. The amount of antibody and Protein A needed for any application should be determined by the researcher.
- Immunoprecipitation: recommend a starting concentration of approximately 1 µg/mL.
- Western blot
- Flow cytometry: Use clone APO-1-1 at a 1-2 µg/mL dilution.
- Immunohistochemistry: APO-1-1 is useful for staining cryostat sections but not for staining on paraffin sections.
- Immunocytochemistry: Suitable for staining on cytospin preparations.

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.