



PRODUCT DATA SHEET

Product: Anti-Interleukin 1 Alpha (IL1a) mAb, clone C1

Cat. No.: MC-2540 (200 µL)

Species Reactivity:

Human and rat. Other species not known.

Ig Isotype:

Mouse IgG_{2b/k}

Immunogen:

Recombinant IL1a (Ser113~Ala271) expressed in *E.coli*.

Format:

1 mg/mL of monoclonal antibody in PBS, pH 7.4, containing 0.02% NaN₃, 50% glycerol. Purified by Protein A + Protein G affinity chromatography.

Storage:

Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Applications and Suggested Dilutions:

- Western blot: Use at 0.5 - 3 µg/mL.
- Immunohistochemistry: Use at 5 - 30 µg/mL.
- Immunocytochemistry: Use at 5 - 30 µg/mL.

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.