



PRODUCT DATA SHEET

Product: Mouse IgG_{2b} Negative Control, clone NCG2B.01

Cat. No: MC-952 (100 µg/500 µl)

Background:

This mouse monoclonal IgG_{2b} was produced against a synthetic hapten, which is normally not present in humans or animals. Therefore, this mouse IgG_{2b} does not react with any antigen of human or animal cells. This monoclonal IgG_{2b} was purified from mouse ascites. In order to serve as a true negative control, this IgG_{2b} should be used under the identical conditions and at the same concentration as KAMIYA BIOMEDICAL COMPANY's other purified mouse monoclonal IgG_{2b} antibodies.

Species Reactivity: All species.

Ig Isotype / Light Chain: IgG_{2b} / κ

Hybridoma:

Fusion between mouse myeloma NS1 cells and mouse spleenocytes.

Format:

100 µg/500 µl antibody purified from the ascites fluid by Protein A chromatography. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.

Storage and Stability:

Stable for 24 months when stored at 2-8°C.

Applications and Suggested Dilutions:

Negative control for:

- Biological Blockade
- Flow Cytometry
- ELISA
- Gel Supershift
- Immunohistochemistry (Frozen and formalin / paraffin)
- Immunofluorescence
- Immunoprecipitation
- Western blot

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.