

## PRODUCT DATA SHEET

**Product:** Anti-3-Nitrotyrosine mAb, clone 39B6

**Cat. No.:** MC-374 (50 µg)

**Synonyms:**

3-NTyr

**Specificity:**

Recognizes 3-nitrotyrosine moieties.

**Species Reactivity:**

Not species specific.

**Ig Isotype:**

Mouse IgG<sub>2a</sub>

**Immunogen:**

3-(4-Hydroxy-3-nitrophenylacetamido) propionic acid-BSA conjugate.

**Format:**

50 µg of purified antibody at 0.5 mg/mL in ~100 µL PBS with 0.09% sodium azide.

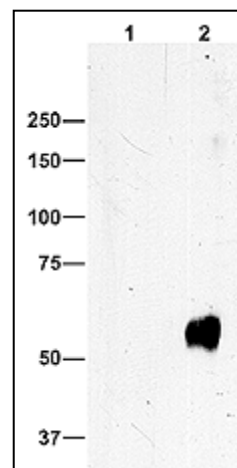
**Storage:**

Store at 4°C short term and at -20°C long term. Aliquot to avoid freeze/thaw cycles.

**Applications and Suggested Dilutions:**

- ELISA: With antigen coated plates
- Immunohistochemistry: Frozen and paraffin sections
- Immunoprecipitation
- Western blots: Use at a 1:5,000 dilution.

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



Lane 1: 0.5 µg BSA

Lane 2: 0.1 µg Nitrotyrosine-modified BSA

MC-374 was used at a 1:5,000 dilution. Secondary antibody (HRP-conjugated anti-mouse IgG) used at a 1:5,000 dilution.

**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.