



## PRODUCT DATA SHEET

**Product:** Anti-Dityrosine (DT) mAb, clone 1C3

**Cat. No.:** MC-1101 (20 µg)

**Immunogen:**

Keyhole limpet hemocyanin conjugated with 3-(p-hydroxyphenyl) propionic acid dimer.

**Specificity:**

This antibody binds to the dityrosine, 3-(p-hydroxyphenyl) propionic acid dimer, dityrosine-conjugated BSA, Dityrosine in proteins and peptides. Cross reactivity has been checked to the following analogues: Nitrotyrosine, chlorotyrosine, aminotyrosine, phosphotyrosine, tyrosine, 3-(p-hydroxyphenyl) propionic acid, 3,4-dihydroxyphenylacetic acid (DOPA) and phenylalanine.

**Ig Isotype:**

Mouse IgG<sub>2a/k</sub>

**Format:**

Monoclonal antibody at 100 µg/mL in 10 mM PBS (pH 7.4). Protein-A purified. Reconstitute with 200 µL of distilled water.

**Storage:**

Store at less than -20°C. For long term storage, aliquot to avoid repeated freeze/thaw cycles.

**Application and Suggested Dilution:**

- Immunohistochemistry
- 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.