



# Northwest

Life Science Specialties, LLC

## Anti Di-tyrosine (DT) Monoclonal Clone 1C3

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<b>Catalog Number:</b>	NWA-DIY020
<b>Description:</b>	Mouse anti Di-tyrosine monoclonal antibody (20µg IgG/Vial)
<b>Format:</b>	Lyophilized as 100µg/mL IgG in 10mM Phosphate buffered saline, pH7.4.
<b>Antigen:</b>	Keyhole limpet hemocyanin conjugated with 3-(p-hydroxyphenyl) propionic acid dimer.
<b>Species:</b>	Mouse IgG <sub>2a(kappa)</sub> : Protein A purified.
<b>Reconstitution:</b>	Reconstitute with 200 µL distilled water to yield 100 µg/mL stock solution.
<b>Suggested Use:</b>	IHC and/or Western Blotting User should determine optimum titer for each application.
<b>Specificity:</b>	This antibody binds to dityrosine, 3-(p-hydroxyphenyl) propionic acid dimer, dityrosine-conjugated BSA, Dityrosine in proteins and peptides.
<b>Cross Reactivity:</b>	Negligible crosreactivity for: Nitrotyrosine, chlorotyrosine, aminotyrosine, phosphotyrosine, tyrosine, 3-(p-hydroxyphenyl) propionic acid, 3,4-dihydroxyphenylacetic acid (DOPA) and phenylalanine.
<b>Stability:</b>	Stable for 3 years as supplied (lyophilized powder) at -20 °C.
<b>Storage:</b>	Store at -20 °C upon arrival. After reconstitution freeze single use aliquots at -20 °C or lower. Avoid repeated freeze/thaw.
<b>References:</b>	Y Kato, et. al. (2000) Biochem Biophys Res Commun. 275(1), p11-15  Japanese patent No. 3687718.

**For Research Use Only**

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