



Data Sheet

NITROTRYPTOPHAN ANTIBODY, MONOCLONAL

Catalog no.:	AA1019.1
Immunogen:	6-nitrotryptophan
Host:	Mouse
Clone no.:	117C
Isotype:	IgG ₁ kappa
Matrix:	Protein A purified, 10 mM PBS (pH7.4)
Specificity:	6-nitrotryptophan
Contents:	20 µg (lyophilized) Resuspend in 200 µl aqua bidest. for 100 µg/ml

Known applications: ELISA², Western Blot^{1,2}, immunohistochemistry (cryosections)²

This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.

Store at: - 20 °C

Repeated thawing and freezing must be avoided

Reference:

- 1) Ikeda K, Yukihiro Hiraoka B, Iwai H, Matsumoto T, Mineki R, Taka H, Takamori K, Ogawa H, Yamakura F. (2007). Detection of 6-nitrotryptophan in proteins by Western blot analysis and its application for peroxynitrite-treated PC12 cells. *Nitric Oxide* **16**(1):18-28
- 2) Degendorfer G, Chuang CY, Hammer A, Malle E, Davies MJ. (2015). Peroxynitrous acid induces structural and functional modifications to basement membranes and its key component, laminin. *Free Radic Biol Med* **89**,p721-733

Last updated on: 14 April 2022

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