

## Nitrotyrosine, Clone HM11 Monoclonal Antibody

**Catalog No.:** MON9029

**Quantity:** 1 ml

### Specificity

This highly specific monoclonal antibody reacts with nitrotyrosine, both with the free amino acid as well as with proteins containing nitrotyrosine. The presence of nitrotyrosine has been detected in various inflammatory processes including atherosclerotic plaques. Nitrotyrosine is formed in tissues in presence of the active metabolite NO. Various pathways including the formation of peroxynitrite lead to nitrotyrosine production.

### Immunoglobulin type

Mouse IgG<sub>2b</sub>.

### Use

Nitrotyrosine is a stable end product of nitrosylation of tyrosine and can be detected by histology on paraffin sections and frozen sections and by Western blot.

### Presentation

1 ml (100 µg/ml) purified Ig in PBS, containing 0.1% BSA. (Sterile)

### Literature

- Beckman JS, Ye YZ, Anderson PG, Chen J, Accavitti MA, Tarpey MM, White CR., Biol Chem 375, 81-88, 1994.
- Kooy NW, Royall JA, Ye YZ, Kelly DR, Beckman JS. Am J Respir Crit Care Med 151, 1250-254, 1995.
- Beckman JS, Beckman TW, Chen J, Marshall PA, Freeman BA. Proc Natl Acad Sci USA 87, 1620-1624, 1990.

### Also available as Biotin conjugate (MON9029B)

PRESENTATION: 0.5 ml (100 µg/ml) purified biotinylated Ig in PBS, containing 0.1% BSA. (Sterile)

Do not freeze biotinylated antibodies.

**FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.**



Cell Sciences, Inc.  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

Toll Free: 888-769-1246  
Phone: 781-828-0610  
Fax: 781-828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Web Site: [www.cellsciences.com](http://www.cellsciences.com)