OXFORD BIOMEDICAL RESEARCH
P.O. Box 522, Oxford MI 48371 • USA
USA: 800-692-4633 • Fax: 248-852-4466
www.oxfordbiomed.com

Product Specification

Anti-bNOS Blocking Peptide

Product # NS 26 Typical Lot

Sequence: CRSESIAFIEESKKDTDEVFSS

Molecular Weight: 2549.8

Purity: > 95% by HPLC analysis

Supplied As: Trifluoroacetate salt; 1 mg/ml in Tris buffered saline

Physical Appearance: Liquid

Storage: –20 or –70 °C. Avoid repeated freeze/thaw cycles

Usage/Protocol: To block specific staining with anti-bNOS (NS 12) antibody

1. In a plastic microfuge tube, add the following (scale as necessary):
   2 µg antibody (NS 12)
   8 µl of blocking peptide (supplied as 1 mg/ml)
   bring volume up to 30 µl with Tris buffered saline
2. Incubate at 4°C for 1 hr.
3. Spin in microfuge at maximum speed for 15 min to pellet aggregates. Remove supernatant carefully to avoid disturbing any pellet.
4. Make final dilutions with the supernatant as appropriate and use immediately for immunochemical methods.

Note: The above protocol was devised for and tested on Western blots. It is intended only as a guide. The optimal blocking conditions, particularly for other applications, may differ and must be determined by each user. Increasing the peptide/antibody ratio and the length of the binding incubation (step 3) are two variations that may improve blocking.