

Product datasheet for **AM32048PU-N**

Nitrotyrosine Mouse Monoclonal Antibody [Clone ID: HM11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HM11
Applications:	ELISA, IHC, WB
Recommended Dilution:	Western blot. Immunoassay. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections. <i>Typical Starting Working Dilution: 1/10 is For histology and Western Blotting.</i>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This highly specific Monoclonal Antibody <i>clone HM11</i> reacts with Nitrotyrosine, both with the free amino acid as well as with proteins containing Nitrotyrosine.
Formulation:	PBS State: Purified State: Liquid purified (sterile filtered) Ig fraction Stabilizer: 0.1% BSA
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: One year from despatch.
Background:	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 and is a stable end product of nitrosylation of tyrosine. Various pathways including the formation of peroxynitrite lead to Nitrotyrosine production.
Synonyms:	NO-Tyrosine, Nitro-Tyrosine



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