

Technical Data Sheet

Product	<b>Anti-Nitrotyrosine Purified</b>	
Cat. Number/Size	<b>11-693-C025</b>	<b>0.025 mg</b>
	<b>11-693-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	Nitrotyrosine	
Clone	EM-30	
Format	Purified	
Reactivity	Species independent	
Application	WB, IHC(P), IHC(F)	
Application details	Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: colon cancer epithelium, prostate hyperplasia. Immunohistochemistry (frozen sections): Recommended dilution: 10 µg/ml; positive tissue: colon cancer epithelium, prostate hyperplasia. Western blotting: positive control: NO2-BSA, NO2-HSA.	
Isotype	Mouse IgG1	
Specificity	The antibody EM-30 detects nitrotyrosine group in biological material. It can be used as a marker for peroxynitrite formation in particular tissues.	
Other names	TyrNO <sub>2</sub> , C <sub>9</sub> H <sub>10</sub> N <sub>2</sub> O <sub>5</sub>	
Immunogen	NO2-Tyr-CH2-Thyroglobulin	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography	
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on the label.	
Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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