

Anti-Nitrotyrosine antibody [HM.11] ab7048

★★★★★ [13 Abreviews](#) [70 References](#) [画像数 1](#)

製品の概要

製品名	Anti-Nitrotyrosine antibody [HM.11]
製品の詳細	Mouse monoclonal [HM.11] to Nitrotyrosine
由来種	Mouse
特異性	This antibody reacts with nitrotyrosine, both with the free amino acid as well as with proteins containing nitrotyrosine. The antibody does not recognize other antigens with a nitrotyrosine-like structure such as tyrosine, 3-chlorotyrosine, phosphotyrosine and phenylalanine.
アプリケーション	適用あり: IHC-Fr, IHC-P
種交差性	交差種: Species independent
免疫原	Synthetic peptide corresponding to Nitro tyrosine (nitrated) conjugated to Keyhole Limpet Haemocyanin (KLH).
ポジティブ・コントロール	WB: mouse kidney lysate, mouse optic nerve, retina , spinal cord and brain lysates, rat aorta lysate(see Abreviews) IHC-P: human lung tissue (see Abreview)
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Constituents: PBS, 0.1% BSA
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	HM.11
	WARNING!!: Do not add sodium azide or nitric containing perservative as it will damage the antibody.

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab7048の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

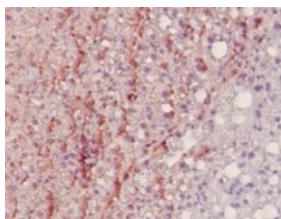
アプリケーション	Abreviews	特記事項
IHC-Fr		Use at an assay dependent concentration. Acetone fixation 10 min -20 degree C; block endogenous peroxidase by 0.3 % H ₂ O ₂ in PBS (or methanol for intracellular staining); block with 10% NGS or 5 % BSA for 30 min.
IHC-P	★★★★★ (3)	1/200 - 1/400. 10% formalin fixation; 3% H ₂ O ₂ to block endogenous peroxidases; Citrate buffer pH 6.0 for 1 min at 100°C as antigen retrieval treatment

ターゲット情報

関連性

The cellular production of highly reactive nitrogen species derived from nitric oxide, such as peroxynitrite, nitrogen dioxide and nitryl chloride, leads to the nitration of tyrosine residues in tissue proteins. The extent of protein nitrotyrosine formation provides an index of the production of reactive nitrogen species and potential cell damage over a period of time. Nitrotyrosine can be measured by amino-acid analysis of protein hydrolysates and detected, estimated semi-quantitatively and located in cells and tissues by immunocytochemical techniques using antibodies directed against the nitrotyrosine hapten.

画像



ab7048 at 2 µg/ml staining Nitrotyrosine in Human liver from a severely obese patient. ab7048 was incubated for 1 hour at room temperature.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nitrotyrosine antibody
[HM.11] (ab7048)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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