

Biotin Anti-DMPO Nitron Adduct antibody [N1664A] ab110430

1 References [画像数 2](#)

製品の概要

製品名	Biotin Anti-DMPO Nitron Adduct antibody [N1664A]
製品の詳細	Biotin Mouse monoclonal [N1664A] to DMPO Nitron Adduct
由来種	Mouse
標識	Biotin
特異性	Recognizes DMPO, DMPO-octanoic acid, DMPO-protein adducts and DMPO-DNA adducts. Does not cross-react with non-adducted proteins or DNA.
アプリケーション	適用あり: IP, ICC/IF, WB
種交差性	交差種: Species independent
免疫原	Chemical/ Small Molecule corresponding to DMPO Nitron Adduct conjugated to ovalbumin. 5,5-dimethyl-2-(8-octanoic acid)-1-pyrrolone-N-oxide conjugated to Ovalbumin.
ポジティブ・コントロール	ICC/IF: RAW 264.7 cells.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	N1664A

アプリケーション

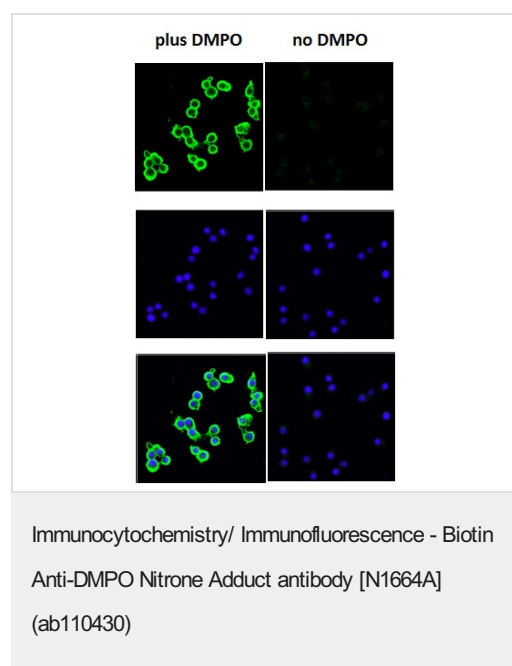
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab110430の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

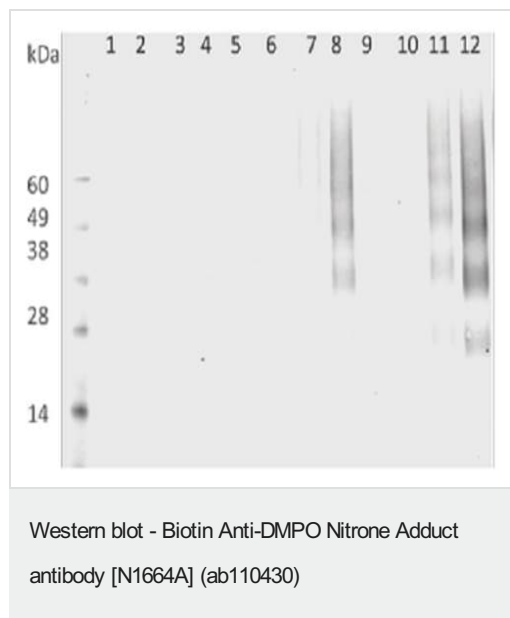
ターゲット情報

関連性 For measurement of protein radicals; some proteins with endogenous peroxidase activity are especially susceptible to forming DMPO adducts.

画像



RAW 264.7 (Mouse macrophage cell line transformed with Abelson murine leukemia virus) cells stained for DMPO Nitron Adduct using the unconjugated version of ab110430 at a dilution of 1/100 in ICC/IF. Secondary used is an Alexa-Fluor®488-conjugated Goat Anti-Mouse IgG (Green). Counterstain: DAPI (Blue) nuclear stain.



All lanes : Unconjugated version of ab110430 at 1/200 dilution

Lane 1 : 10 μ m hemoglobin

Lane 2 : 10 μ m hemoglobin + 100 μ M HOCl

Lane 3 : 10 μ m hemoglobin + 500 μ M HOCl

Lane 4 : 10 μ m hemoglobin + 1000 μ M HOCl

Lane 5 : 10 μ m hemoglobin + 20 mM DMPO

Lane 6 : 10 μ m hemoglobin + 100 μ M HOCl + 20 mM DMPO

Lane 7 : 10 μ m hemoglobin + 500 μ M HOCl + 20 mM DMPO

Lane 8 : 10 μ m hemoglobin + 1000 μ M HOCl + 20 mM DMPO

Lane 9 : 10 μ m hemoglobin + 100 mM DMPO

Lane 10 : 10 μ m hemoglobin + 100 μ M HOCl + 100 mM DMPO

Lane 11 : 10 μ m hemoglobin + 500 μ M HOCl + 100 mM DMPO

Lane 12 : 10 μ m hemoglobin + 1000 μ M HOCl + 100 mM DMPO

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