

Anti-Poly (ADP-Ribose) Polymer antibody [10H] ab14459

★★★★★ [15 Abreviews](#) [56 References](#) [画像数 1](#)

製品の概要

製品名	Anti-Poly (ADP-Ribose) Polymer antibody [10H]
製品の詳細	Mouse monoclonal [10H] to Poly (ADP-Ribose) Polymer
由来種	Mouse
特異性	This antibody reacts with poly (ADP-Ribose) Polymer synthesized by a variety of poly(ADP-ribose) polymerases (PARP)-related enzymes including PARP1, 2, 3, tankyrase, vPARP, sPARP and others. The antibody does not cross-react with ADP-ribose, 5'-AMP, or yeast RNA as tested by ELISA.
アプリケーション	適用あり: IHC-Fr
種交差性	交差種: Species independent
免疫原	Other Immunogen Type conjugated to bovine serum albumin. Poly (ADP-Ribose) polymer mixed with methylated bovine serum albumin.
ポジティブ・コントロール	Rat liver induced for Poly (ADP-Ribose) Polymer synthesis by injection with diethylnitrosamine. MEF's treated with 500um Hydrogen Peroxide.
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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 0.242% Tris, 0.87% Sodium chloride, 1% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名	10H
ミエローマ	NS1
アイソタイプ	IgG3
軽鎖の種類	kappa

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ab14459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確認ください。

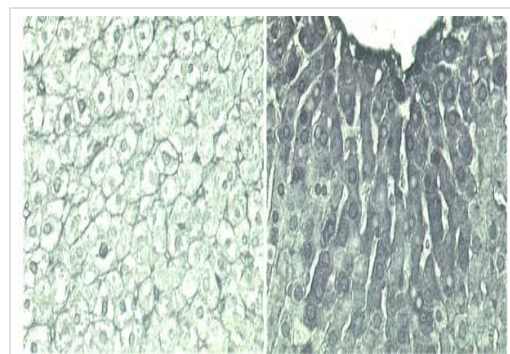
アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.

ターゲット情報

関連性

Poly (ADP-Ribose) is a polymer synthesized by a class of enzymes named poly(ADP-ribose) polymerases (PARP). Using NAD⁺ as substrate, PARP catalyzes the formation of the polymer poly (ADP-Ribose), with chain lengths ranging from 2 to 300 residues, containing approximately 2% branching in the chain. Poly (ADP-Ribose) polymer becomes attached to nuclear proteins, and to PARP itself (automodification). Under normal conditions, cells display low basal level of poly (ADP-Ribose) polymer, which can dramatically increase in cells exposed to DNA damaging agents (irradiation, alkylation, etc.). This increase of polymer synthesis is usually transient and is followed by a rapid degradation phase with a short half life which can be less than 1 min. The low endogenous level of polymer in unstimulated cells and its rapid catabolism during DNA damage has been ascribed to high activity of the polymer catabolizing enzyme poly(ADP-ribose) glycohydrolase (PARG).

画像



Immunohistochemistry (Frozen sections) - Anti-Poly (ADP-Ribose) Polymer antibody [10H] (ab14459)

Immunohistochemistry of rat livers treated with diethylnitrosamine (200 mg/kg) and stained with ab14459 diluted 1/100. After treatment livers were removed and rapidly processed 10 hr later, at peak polymer induction. Left hand side image was from diethylnitrosamine untreated liver tissue and right one represents DEN treated sections.

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