

Anti-XRCC3 antibody [XRCC3 10F1/6] ab20254

★★★★★ [2 Abreviews](#) [2 References](#) [画像数 1](#)

製品の概要

製品名	Anti-XRCC3 antibody [XRCC3 10F1/6]
製品の詳細	Mouse monoclonal [XRCC3 10F1/6] to XRCC3
由来種	Mouse
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human
免疫原	Full length protein (human) which has been his-tagged, overexpressed in E.coli and purified on a talon affinity column under denaturing conditions, followed by gel purification on a SDS-Page.
ポジティブ・コントロール	Does not recognise XRCC3 in HeLa total extracts- suggest nuclear extracts.
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	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
精製度	Protein A/G purified
ポリ/モノ	モノクローナル
クローン名	XRCC3 10F1/6
ミエローマ	Sp2/0-Ag14
アイソタイプ	IgG1

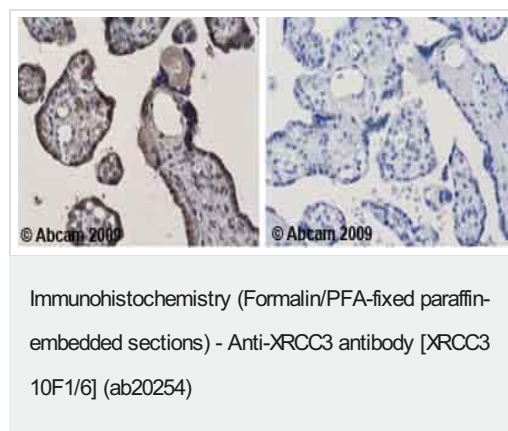
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab20254の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA, thought to repair chromosomal fragmentation, translocations and deletions. Plays a role in regulating mitochondrial DNA copy number under conditions of oxidative stress in the presence of RAD51 and RAD51C.
配列類似性	Belongs to the RecA family. RAD51 subfamily.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Nucleus. Cytoplasm. Cytoplasm > perinuclear region. Mitochondrion. Accumulates in discrete nuclear foci prior to DNA damage, and these foci persist throughout the time course of DNA repair.

画像



Ab20254 staining human normal placenta. Staining is localized to nuclear compartment.

Left panel: with primary antibody at 4 ug/ml. Right panel: isotype control.

Sections were stained using an automated system DAKO Autostainer Plus , at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 AR buffer EDTA pH 9.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H2O2 in methanol for 10 minutes. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 minutes and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that for manual staining we recommend to optimize the primary antibody concentration and incubation time (overnight incubation), and amplification may be required.

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