

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

★★★★★ [2 Abreviews](#) [2 References](#) [1 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-XRCC3抗体[XRCC3 10F1/6] |
| 描述 | 小鼠单克隆抗体[XRCC3 10F1/6] to XRCC3 |
| 宿主 | Mouse |
| 经测试应用 | 适用于: IHC-P |
| 种属反应性 | 与反应: 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. |
| 阳性对照 | Does not recognise XRCC3 in HeLa total extracts- suggest nuclear extracts. |
| 常规说明 | <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> |

性能

| | |
|------|--|
| 形式 | Liquid |
| 存放说明 | 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. |
| 存储溶液 | Preservative: 0.02% Sodium azide Constituent: 99.98% PBS |
| 纯度 | Protein A/G purified |
| 克隆 | 单克隆 |
| 克隆编号 | XRCC3 10F1/6 |
| 骨髓瘤 | Sp2/0-Ag14 |
| 同种型 | IgG1 |

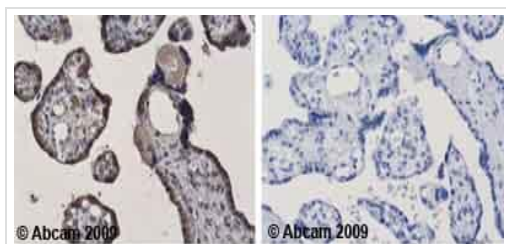
The Abpromise guarantee **Abpromise™承诺保证使用ab20254于以下的经测试应用**

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|-------|------|--|
| IHC-P | | Use at an assay dependent concentration. |

靶标

| | |
|--------------|---|
| 功能 | 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. |
| 序列相似性 | Belongs to the RecA family. RAD51 subfamily. |
| 翻译后修饰 | Phosphorylated upon DNA damage, probably by ATM or ATR. |
| 细胞定位 | 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. |

图片

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-*XRCC3* antibody [*XRCC3* 10F1/6] (ab20254)

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.

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

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