

# Anti-RAD18 antibody ab186835

**2 References**   **3 图像**

### 概述

产品名称	Anti-RAD18抗体
描述	兔多克隆抗体to RAD18
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Mouse, Human
免疫原	Recombinant full length protein corresponding to Human RAD18 aa 1-495. Database link: <a href="#">Q9NS91</a>
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&amp;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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 49% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

The Abpromise guarantee

**Abpromise™** 承诺保证使用ab186835于以下的经测试应用

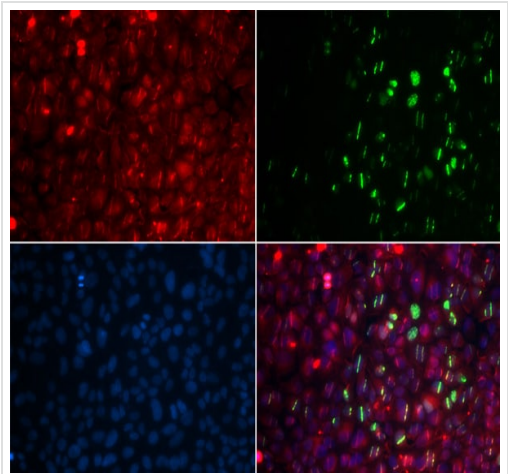
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use at an assay dependent concentration.
WB		1/500 - 1/2000. Predicted molecular weight: 56 kDa.

靶标

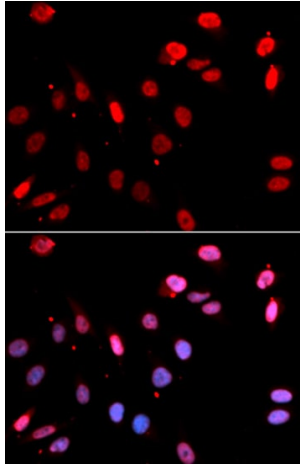
功能	E3 ubiquitin-protein ligase involved in postreplication repair of UV-damaged DNA. Postreplication repair functions in gap-filling of a daughter strand on replication of damaged DNA. Associates to the E2 ubiquitin conjugating enzyme UBE2B to form the UBE2B-RAD18 ubiquitin ligase complex involved in mono-ubiquitination of DNA-associated PCNA on 'Lys-164'. Has ssDNA binding activity.
通路	Protein modification; protein ubiquitination.
序列相似性	Belongs to the RAD18 family. Contains 1 RING-type zinc finger. Contains 1 SAP domain. Contains 1 UBZ-type zinc finger.
细胞定位	Nucleus.

图片



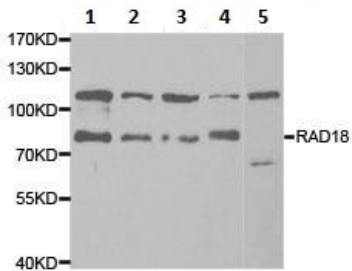
Immunocytochemistry/ Immunofluorescence - Anti-RAD18 antibody (ab186835)

Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cell using ab186835. Green: GFP-RNF168 fusion protein expression for DNA damage marker. Blue: DAPI for nuclear staining.RNF168(GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.



Immunocytochemistry/Immunofluorescence analysis of U2OS cells using ab186835. Blue DAPI for nuclear staining.

Immunocytochemistry/ Immunofluorescence - Anti-RAD18 antibody (ab186835)



**All lanes :** Anti-RAD18 antibody (ab186835) at 1/500 dilution

**Lane 1 :** Extracts from K562 cell line

**Lane 2 :** Extracts from MCF7 cell line

**Lane 3 :** Extracts from Jurkat cell line

**Lane 4 :** Extracts from 293T cell line

**Lane 5 :** Extracts from mouse liver

Western blot - Anti-RAD18 antibody (ab186835)

**Predicted band size:** 56 kDa

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

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