


### Anti-p15 INK4b antibody ab53034

★★★★★ **1 Abreviews** **38 References** **画像数 4**

#### 製品の概要

製品名	Anti-p15 INK4b antibody
製品の詳細	Rabbit polyclonal to p15 INK4b
由来種	Rabbit
特異性	Detects endogenous levels of total p15 INK protein. There is 91.8% identity to CDKN2A (P42771) based on the immunogen sequence range.
アプリケーション	<b>適用あり:</b> WB, IHC-P, ICC/IF
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat 
免疫原	Synthetic peptide derived from human p15 INK
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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 0.87% Sodium chloride, PBS  Without Mg+2 and Ca+2
精製度	Immunogen affinity purified
特記事項 (精製)	ab53034 was purified from rabbit antiserum by affinity chromatography using epitope specific immunogen
ポリ/モノ	ポリクローナル

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ab53034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。

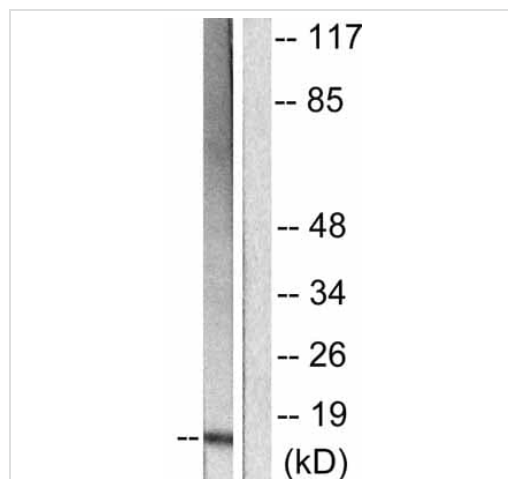
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/500 - 1/1000. Detects a band of approximately 15 kDa (predicted molecular weight: 15 kDa).
IHC-P		Use a concentration of 2 µg/ml.
ICC/IF		Use at an assay dependent concentration.

ターゲット情報

**機能** Interacts strongly with CDK4 and CDK6. Potent inhibitor. Potential effector of TGF-beta induced cell cycle arrest.

**配列類似性** Belongs to the CDKN2 cyclin-dependent kinase inhibitor family.  
 Contains 4 ANK repeats.

画像



Western blot - Anti-p15 INK4b antibody (ab53034)

**All lanes :** Anti-p15 INK4b antibody (ab53034) at 1/500 dilution

**Lane 1 :** HeLa cell extract

**Lane 2 :** HeLa cell extract with peptide

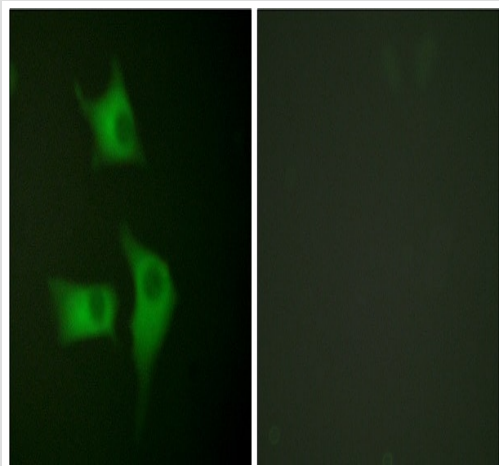
**Predicted band size:** 15 kDa

**Observed band size:** 15 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-p15 INK4b antibody (ab53034)

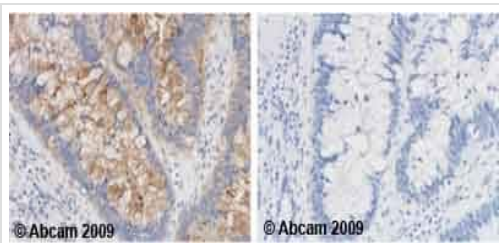
ab53034 (2µg/ml) staining p15 INK4b in human colon carcinoma. Sections were stained using an automated system (DAKO Autostainer Plus ), at room temperature: sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffers EDTA pH 9.0 . Slides were peroxidase blocked in 3% H2O2 in methanol for 10

mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min 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.



Immunocytochemistry/ Immunofluorescence - Anti-p15 INK4b antibody (ab53034)

Immunofluorescence analysis of HeLa cells, using Anti-p15 INK4b antibody (ab53034). The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-p15 INK4b antibody (ab53034)

Left panel: with primary antibody at 2 ug/ml. Right panel: isotype control.

Sections were stained using an automated system (Dako PT Link), at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 AR buffers EDTA pH 9.0. Slides were peroxidase blocked in 3% H<sub>2</sub>O<sub>2</sub> 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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