


### Anti-Pea3 antibody [1A2G3] ab70425

★★★★☆ [2 Abreviews](#) [7 References](#) [画像数 3](#)

#### 製品の概要

製品名	Anti-Pea3 antibody [1A2G3]
製品の詳細	Mouse monoclonal [1A2G3] to Pea3
由来種	Mouse
アプリケーション	<b>適用あり:</b> Flow Cyt, WB
種交差性	<b>交差種:</b> Human, Recombinant fragment <b>交差が予測される動物種:</b> Mouse 
免疫原	Recombinant fragment corresponding to Human Pea3 aa 50-109. Sequence: SEDLFQDLSHFQETWLAEAQVPDSDEQFVPDFHSENLA FHSP TTRIKKEP QSPRTDPALS  Database link: <a href="#">P43268</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
ポジティブ・コントロール	Truncated Trx-Pea3 recombinant protein and full length Pea3 hlgGfC transfected CHO-K1 cell lysate.
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.05% Sodium azide Constituent: PBS
精製度	Protein G purified

特記事項(精製)	Purified from tissue culture supernatant.
ポリモノ	モノクローナル
クローン名	1A2G3
アイソタイプ	IgG1

#### アプリケーション

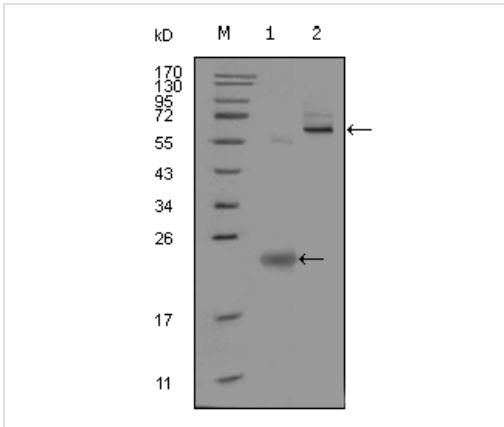
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab70425の使用に適用されず**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		1/50 - 1/100. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		1/500 - 1/2000. Detects a band of approximately 60 kDa (predicted molecular weight: 54 kDa).

#### ターゲット情報

機能	Transcriptional activator that binds to the enhancer of the adenovirus E1A gene; the core-binding sequence is 5'[AC]GGA[AT]GT-3'.
配列類似性	Belongs to the ETS family. Contains 1 ETS DNA-binding domain.
翻訳後修飾	Sumoylated; enhanced upon ERK/MAP kinase pathway activation, it positively regulates the transcriptional activator capacity. Sumoylation at Lys-96 probably requires phosphorylation at Ser-101. Transiently polysumoylated and desumoylated by SENP1. Sumoylation is a prerequisite to polyubiquitination which in turn increases proteasomal-mediated degradation. Probably polyubiquitinated by RNF4 and deubiquitinated by USP2.
細胞内局在	Nucleus.

#### 画像



Western blot - Anti-Pea3 antibody [1A2G3]  
(ab70425)

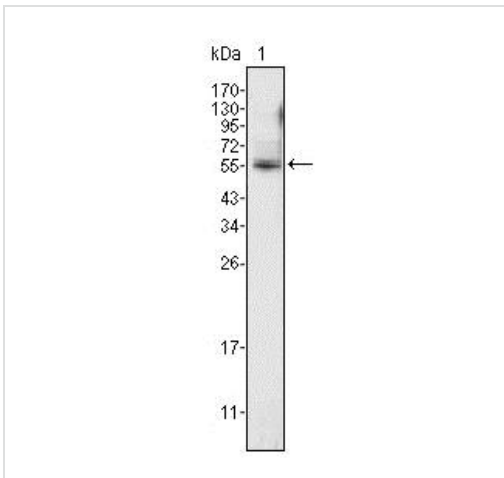
**All lanes :** Anti-Pea3 antibody [1A2G3] (ab70425) at 1/500 dilution

**Lane 1 :** Truncated Trx-Pea3 recombinant protein

**Lane 2 :** Full length Pea3 hlgGFc transfected CHO-K1 cell lysate

**Predicted band size:** 54 kDa

**Observed band size:** 24,60 kDa



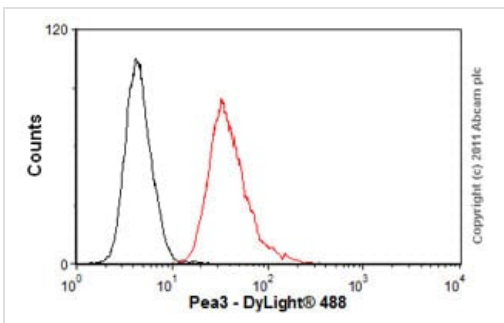
Western blot - Anti-Pea3 antibody [1A2G3]  
(ab70425)

Anti-Pea3 antibody [1A2G3] (ab70425) at 1/2000 dilution + Cell lysates prepared from K562 cells at 100 µg

### Secondary

HRP-conjugated Goat polyclonal to mouse IgG1

**Predicted band size:** 54 kDa



Flow Cytometry - Anti-Pea3 antibody [1A2G3]  
(ab70425)

Overlay histogram showing K562 cells stained with ab70425 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab70425, 1/100 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 2µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in K562 cells fixed with 4% paraformaldehyde (10 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

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

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