

### Anti-Fox2 / RBM9 antibody [4G3] ab57154

★★★★★ **3 Abreviews** **12 References** 画像数 4

#### 製品の概要

製品名	Anti-Fox2 / RBM9 antibody [4G3]
製品の詳細	Mouse monoclonal [4G3] to Fox2 / RBM9
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, IHC-P, ICC/IF, Flow Cyt
種交差性	<b>交差種:</b> Mouse, Human
免疫原	Recombinant fragment: MEKKKMVTQG NQEPTTTPDA MVQPFTTIPF PPPPQNGIPT EYGVPHQTQDY AGQTGEHNLT LYGSTQAHGE QSSNSPSTQN GSLTTEGGAQ TDGQQSQTSQS , corresponding to amino acids 1-100 of Human Fox2/ RBM9 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
ポジティブ・コントロール	WB: NIH/3T3 cell lysate IHC-P: Human placental ICC/IF: SHSY5Y cells Flow Cyt: HeLa cells
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 21/05/2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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	pH: 7.40 Constituent: PBS
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	4G3

アイソタイプ IgG2a  
軽鎖の種類 kappa

## 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ab57154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	★★★★★ (2)	Use at an assay dependent concentration. Predicted molecular weight: 41 kDa.
IHC-P		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab170191</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

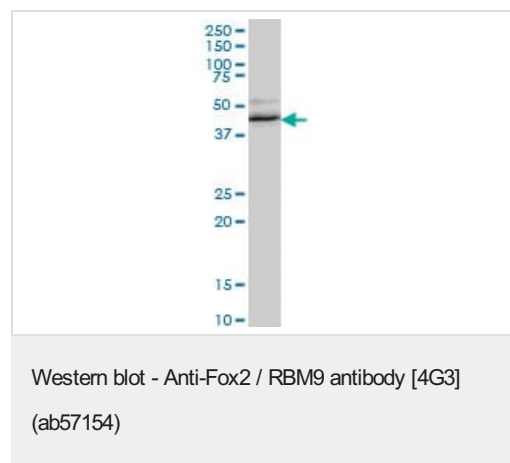
## ターゲット情報

**機能** RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis (By similarity). RNA-binding protein that seems to act as a coregulatory factor of ER-alpha.

**配列類似性** Contains 1 RRM (RNA recognition motif) domain.

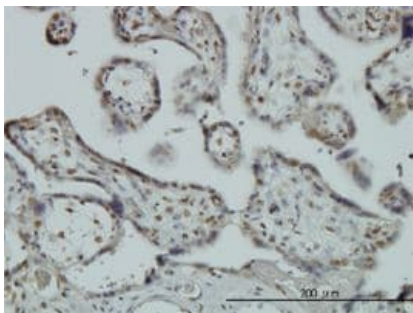
**細胞内局在** Nucleus. Cytoplasm.

## 画像



Fox2 / RBM9 antibody (ab57154) at 1ug/lane + NIH/3T3 cell lysate at 25ug/lane.

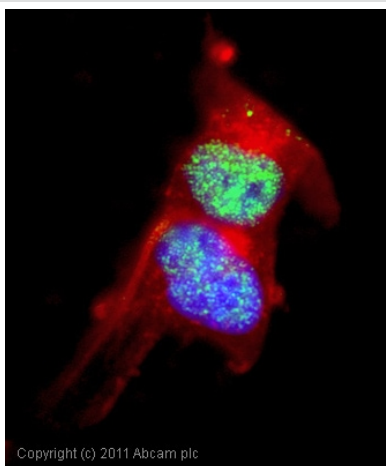
This image was generated using the ascites version of the product.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fox2 / RBM9 antibody [4G3] (ab57154)

Fox2 / RBM9 antibody (ab57154) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human placenta.

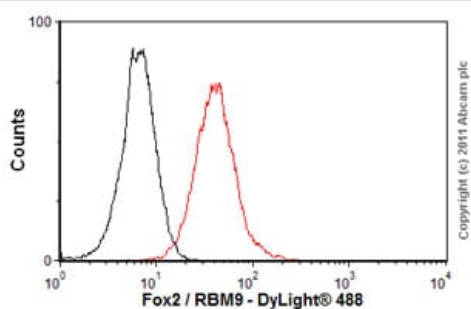
This image was generated using the ascites version of the product.



Immunocytochemistry/ Immunofluorescence - Anti-Fox2 / RBM9 antibody [4G3] (ab57154)

ICC/IF image of ab57154 stained SHSY5Y cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab57154, 1μg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43μM.

This image was generated using the ascites version of the product.



Flow Cytometry - Anti-Fox2 / RBM9 antibody [4G3] (ab57154)

Overlay histogram showing HeLa cells stained with ab57154 (red line). The cells were fixed with 4% paraformaldehyde (10 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 (ab57154, 1μg/1x10<sup>6</sup> cells) 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 IgG2a [ICIGG2A] ([ab91361](#), 1μg/1x10<sup>6</sup> cells) used under the same conditions.

Acquisition of >5,000 events was performed. This antibody gave a positive signal in HeLa cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

This image was generated using the ascites version of the product.

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

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