

Anti-Fox2 / RBM9 antibody [4G3] ab57154

★★★★★ [3 Abreviews](#) [12 References](#) [4 图像](#)

概述

产品名称	Anti-Fox2 / RBM9抗体[4G3]
描述	小鼠单克隆抗体[4G3] to Fox2 / RBM9
宿主	Mouse
经测试应用	适用于: WB, IHC-P, ICC/IF, Flow Cyt
种属反应性	与反应: 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 Run BLAST with Expasy Run BLAST with NCBI
阳性对照	WB: NIH/3T3 cell lysate IHC-P: Human placental ICC/IF: SHSY5Y cells Flow Cyt: HeLa cells
常规说明	<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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Constituent: PBS
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	4G3

同种型

lgG2a

轻链类型

kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab57154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
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. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

靶标

功能

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.

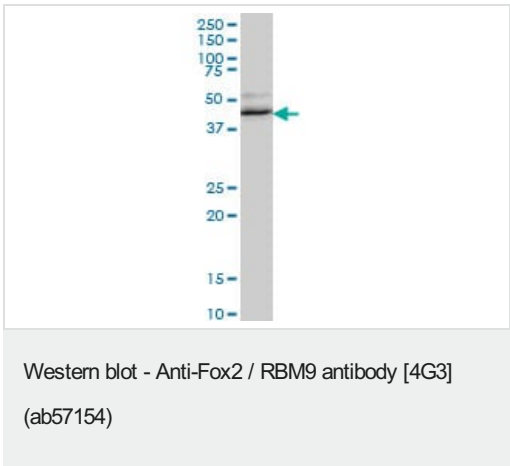
序列相似性

Contains 1 RRM (RNA recognition motif) domain.

细胞定位

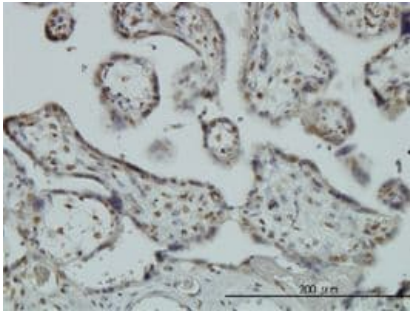
Nucleus. Cytoplasm.

图片



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

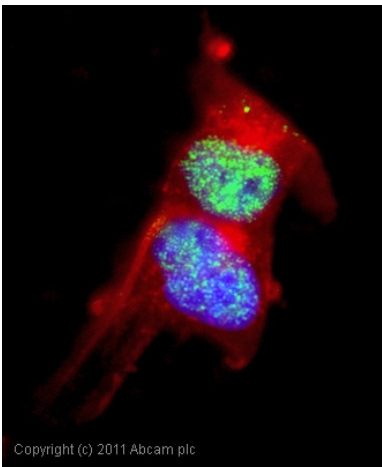
This image was generated using the ascites version of the product.



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.

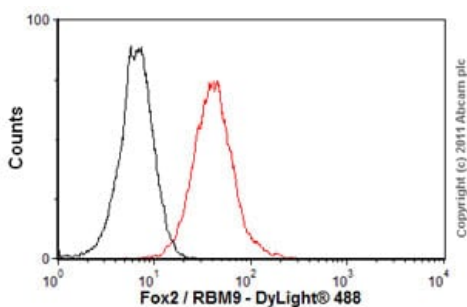
This image was generated using the ascites version of the product.



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/1x10⁶ 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/1x10⁶ 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.

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