abcam

Product datasheet

Anti-mono methyl Arginine antibody [5D1] ab415

<u>7 References</u> 2 图像

Jan Ste

概述								
ー品名称 Anti-mono methyl Arginine抗体[5D1]								
描述	小鼠单克隆抗体 [5D1] to mono methyl Arginine							
宿主	Mouse							
经 测 试应 用	适用于: WB, ChIP							
种属反应性	与反应: Species independent							
常规说 明	This antibody will be of central importance in analysing the methylation status of chromatin and transcription factors. Since it recognises monomethyl arginine only it can be used in parallel with ab413 (detects dimethyl arginine only) and ab412 (detects both monomethyl and dimethyl arginine) to monitor the exact modification status.							
	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.							
	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							
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 or - 80°C. Avoid freeze / thaw cycle.							
存储溶液	Constituents: 0.75% Glycine, 1.21% Tris, 2% Sucrose							
纯 度	Protein A purified							
Primary antibody说明	This antibody will be of central importance in analysing the methylation status of chromatin and transcription factors. Since it recognises monomethyl arginine only it can be used in parallel with ab413 (detects dimethyl arginine only) and ab412 (detects both monomethyl and dimethyl arginine) to monitor the exact modification status.							
克隆	单 克隆							
克隆编号	5D1							
骨髓瘤	unknown							

应用

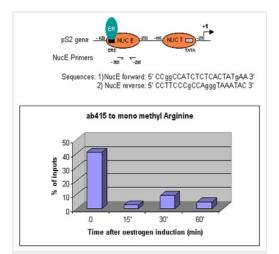
The Abpromise guarantee Abpromise™承诺保证使用ab415于以下的经测试应用

"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		Use at an assay dependent dilution.
ChIP		Use 5µl for 10 ⁶ cells.

靶标

图片



ChIP - Anti-mono methyl Arginine antibody [5D1]

(ab415)

This image is courtesy of Sylvain Daujat, Tony Kouzarides lab, Cambridge University, UK

Antibody Name	AG1	AG2	AG3	AG4	IG1	1G2	Het
Mouse monoclonal [5D1] to mono methyl Arginine (ab115)	Yes						

ChIP - Anti-mono methyl Arginine antibody [5D1] (ab415) Sonicated Chromatin prepared from untreated or 17beta-estradiol (E2) treated MCF7 cells was subjected to the ChIP procedure (see protocol) with ab415 to mono methyl Arginine.

Immunoprecipitated chromatin was analysed in the proximal region of the estrogen-responsive pS2 promoter (as shown above) and quantified by real-time PCR (values are % of inputs). The primers are designed to follow the nucleosome E (including the Estrogen Responsive Element ERE). 5 μ l of ab415 and 4x10⁶ cells were used in each ChIP experiment.

We looked at chicken chromatin and then analysed 4 active genes (AG1-4), 2 inactive genes (IG1-2) as well as heterochromatin (Het). A "Yes" indicates that the antibody immunoprecipitated material well above background and should be regarded as a positive result.

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