

Anti-mono methyl Arginine antibody [5D1] ab415

7 References [画像数 2](#)

製品の概要

製品名	Anti-mono methyl Arginine antibody [5D1]
製品の詳細	Mouse monoclonal [5D1] to mono methyl Arginine
由来種	Mouse
アプリケーション	適用あり: WB, ChIP
種交差性	交差種: Species independent
特記事項	<p>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.</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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Constituents: 0.75% Glycine, 1.21% Tris, 2% Sucrose
精製度	Protein A purified
一次抗体 備考	<p>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.</p>
ポリ/モノ	モノクローナル
クローン名	5D1
ミエローマ	unknown

アイソタイプ	IgG1
軽鎖の種類	kappa

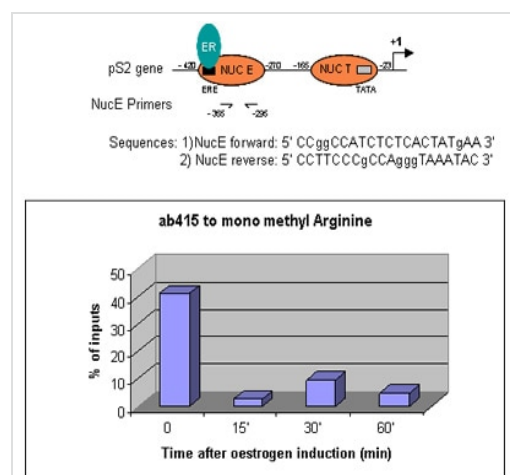
アプリケーション

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ab415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確認ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent dilution.
ChIP		Use 5µl for 10 ⁶ cells.

ターゲット情報

画像



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	IG2	Het
Mouse monoclonal [5D1] to mono methyl Arginine (ab415)	Yes	Yes	Yes	Yes	Yes	Yes	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 µl 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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