abcam

Product datasheet

Anti-Myc tag antibody [9E11] ab56

7 Abreviews 82 References 画像数 4

製品の概要

製品名	Anti-Myc tag antibody [9E11]
製品の詳細	Mouse monoclonal [9E11] to Myc tag
由来種	Mouse
アプリケーション	**適用あり:** Flow Cyt (Intra), WB, IP
種交差性	**交差種:** Species independent
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	IP:CHO overexpressing Stra8 whole cell lysate. Flow Cyt (Intra): HL60 cells. WB: **ab84132**, **ab5395**
特記事項	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. 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

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	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 6.97% L-Arginine
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	9E11
ミエローマ	Sp2

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ab56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。

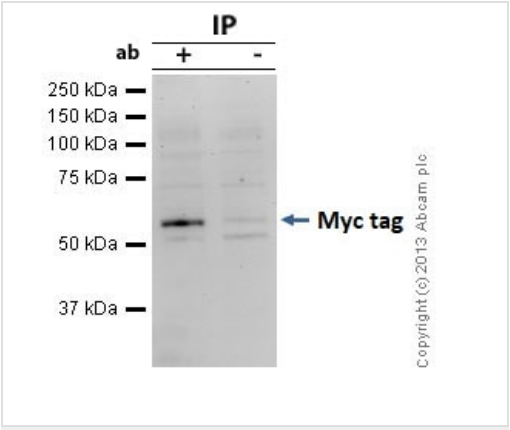
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/200. **ab170191** - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
WB	★★★★☆ **(6)**	1/500 - 1/1000. Predicted molecular weight: 49 kDa. Additional non-specific bands observed at 75, 110, 140 kDa using mouse and human cells (see Abreview).
IP		Use a concentration of 5 µg/ml.

ターゲット情報

関連性 Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells.

細胞内局在 Nuclear

画像



Immunoprecipitation - Anti-Myc tag antibody [9E11] - ChIP Grade (ab56)

Myc tag was immunoprecipitated using 0.5mg CHO overexpressing Stra8 whole cell lysate, 5µg of Mouse monoclonal to Myc tag and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

The antibody was incubated under agitation with Protein G beads for 10min, CHO overexpressing Stra8 whole cell lysate lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab56.

Secondary: Goat polyclonal to mouse IgG light chain specific (HRP) at 1/20,000 dilution.

Band: 49KDa; Myc tag

Western blot - Anti-Myc tag antibody [9E11] - ChIP Grade (ab56)

Anti-Myc tag antibody [9E11] (ab56) at 1/500 dilution + Recombinant Human c-Myc protein (**ab84132**) at 0.01 µg

Secondary

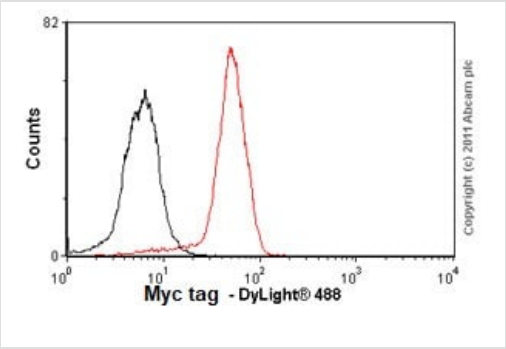
Goat Anti-Mouse IgG H&L (HRP) preadsorbed (**ab97040**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

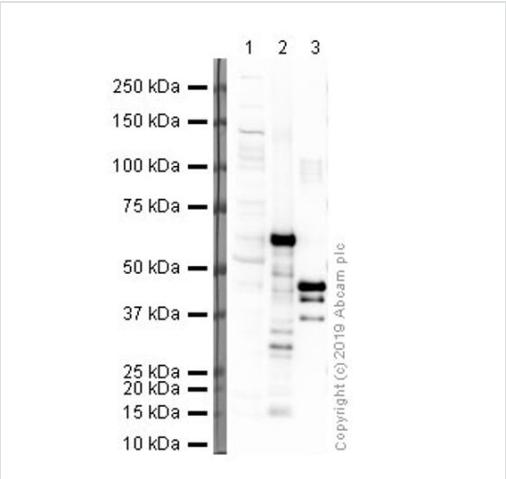
Predicted band size: 49 kDa

Exposure time: 4 minutes



Flow Cytometry (Intracellular) - Anti-Myc tag antibody [9E11] - ChIP Grade (ab56)

Overlay histogram showing HL60 cells stained with ab56 (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 (ab56, 1/100 dilution) for 30 min at 22°C. The secondary antibody used was a goat anti-mouse DyLight® 488 (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/1x10^6 cells) used under the same conditions. Acquisition of >5,000 events was performed.



Western blot - Anti-Myc tag antibody [9E11] - ChIP Grade (ab56)

All lanes : Anti-Myc tag antibody [9E11] (ab56) at 1 µg/ml

Lane 1 : HEK293 cell lysate at 20 µg
Lane 2 : Recombinant Human c-Myc protein (**ab84132**) at 0.1 µg
Lane 3 : E. coli Positive Control (Escherichia coli) Whole Cell Lysate (**ab5395**) at 0.1 µg

Secondary
All lanes : Goat polyclonal to Mouse IgG H&L Pre-Adsorbed (HRP) at 1/5000 dilution

Predicted band size: 49 kDa

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