abcam

Product datasheet

Anti-DUSP6 antibody ab54940

7 References 画像数 4

製品の概要

製品名	Anti-DUSP6 antibody
製品の詳細	Mouse monoclonal to DUSP6
由来種	Mouse
アプリケーション	**適用あり:** WB, IHC-P, ICC/IF, Flow Cyt
種交差性	**交差種:** Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-382 of Human DUSP6a
特記事項	Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. We would recommend antibody **ab76310** as a replacement.

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	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
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ab54940の使用に適用されます**

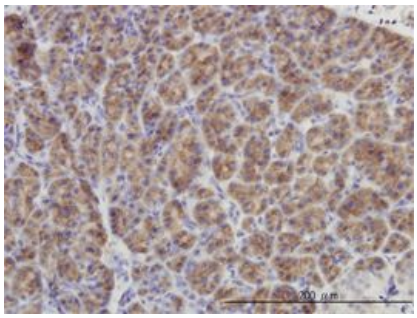
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 42 kDa.
IHC-P		Use a concentration of 3 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.
Flow Cyt		Use 1µg for 10^6 cells. **ab170190** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

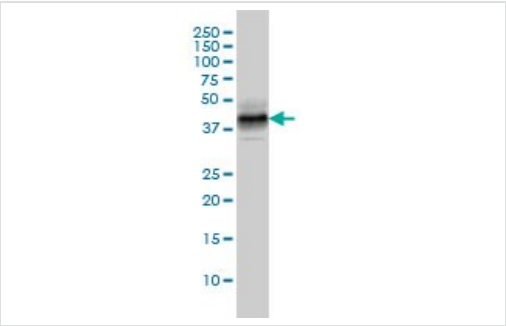
機能	Inactivates MAP kinases. Has a specificity for the ERK family.
配列類似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily. Contains 1 rhodanese domain. Contains 1 tyrosine-protein phosphatase domain.
細胞内局在	Cytoplasm.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DUSP6 antibody (ab54940)

DUSP6a antibody (ab54940) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human pancreas.

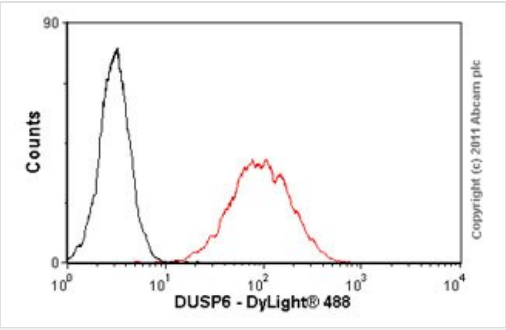


Western blot - Anti-DUSP6 antibody (ab54940)

DUSP6a antibody (ab54940) at 1ug/lane + Jurkat cell lysate at 25ug/lane.

Immunocytochemistry/ Immunofluorescence - Anti-DUSP6 antibody (ab54940)

ab54940 at 10 ug/ml staining DUSP6 in human Hela cells by Immunocytochemistry / Immunofluorescence.



Flow Cytometry - Anti-DUSP6 antibody (ab54940)

Overlay histogram showing SH-SY5Y cells stained with ab54940 (red line). The cells were fixed with 80% methanol (5 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 (ab54940, 1µg/1x10^6 cells) for 30 min at 22ºC. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22ºC. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 2µg/1x10^6 cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in SH-SY5Y cells fixed with 4% paraformaldehyde (10 min)/permeabilized in 0.1% PBS-Tween used under the same conditions.

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