

Product datasheet

Anti-VRK2 antibody ab58052

画像数 3

製品の概要

製品名	Anti-VRK2 antibody
製品の詳細	Mouse monoclonal to VRK2
アプリケーション	適用あり: WB, Flow Cyt, ICC/IF
種交差性	交差種: Human
免疫原	Recombinant fragment, corresponding to amino acids 260-360 of Human VRK2
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.

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

Our [Abpromise guarantee](#) covers the use of **ab58052** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

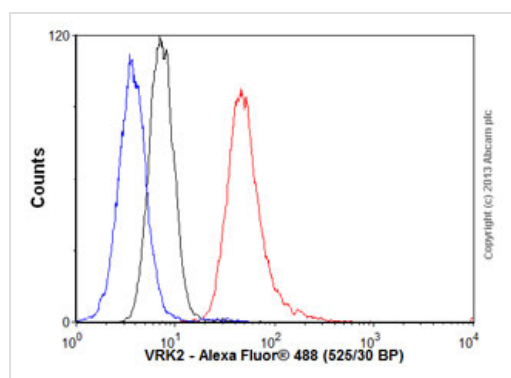
アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 58 kDa.

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 1µg for 10 ⁶ cells. ab170190 -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		Use a concentration of 10 µg/ml.

ターゲット情報

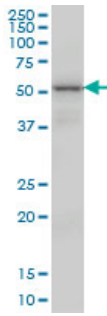
機能	Probable serine/threonine kinase.
組織特異性	Widely expressed. Highly expressed in fetal liver, skeletal muscle, pancreas, heart, peripheral blood leukocytes and testis.
配列類似性	Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. VRK subfamily. Contains 1 protein kinase domain.
細胞内局在	Membrane.

画像



Flow Cytometry - Anti-VRK2 antibody (ab58052)

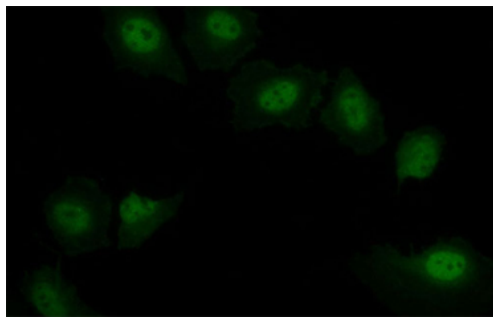
Overlay histogram showing K562 cells stained with ab58052 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab58052, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) ([ab150113](#)) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] ([ab91353](#), 1µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



Western blot - VRK2 antibody (ab58052)

Predicted band size : 58 kDa

VRK2 antibody (ab58052) at 1ug/lane + K-562 cell lysate at 25ug/lane.



Immunocytochemistry/ Immunofluorescence-VRK2 antibody(ab58052)

ab58052 at 10 ug/ml staining VRK2 in human Hella cells by Immunocytochemistry/ Immunofluorescence.

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