


Product datasheet

Anti-DUSP2/PAC1 antibody ab95159

2 Images

Overview

Product name	Anti-DUSP2/PAC1 antibody
Description	Rabbit polyclonal to DUSP2/PAC1
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Mouse Predicted to work with: Human 
Immunogen	Synthetic peptide corresponding to Human DUSP2/PAC1 (C terminal) conjugated to keyhole limpet haemocyanin. Database link: NP_004409
Positive control	WB: Mouse liver tissue lysates. Flow: HepG2 cells.
General notes	This product was previously labelled as DUSP2

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Ammonium Sulphate Precipitation
Purification notes	ab95159 is purified by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab95159** in the following tested applications.

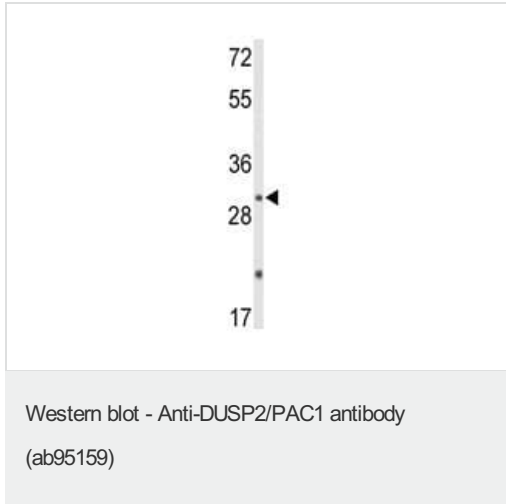
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/50 - 1/100. Predicted molecular weight: 34 kDa.
Flow Cyt		1/10 - 1/50.

Target

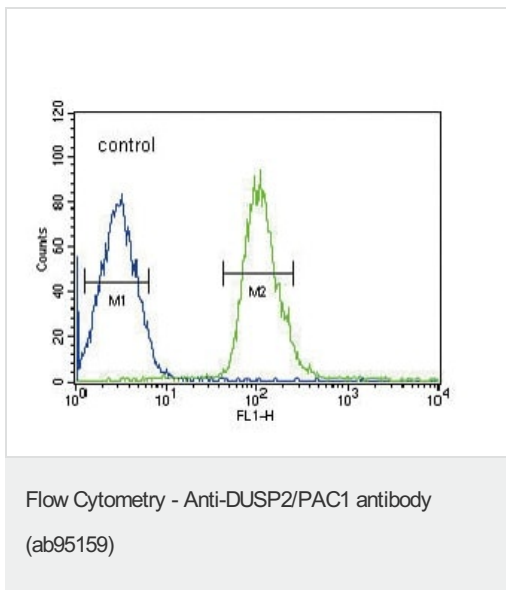
Function	Regulates mitogenic signal transduction by dephosphorylating both Thr and Tyr residues on MAP kinases ERK1 and ERK2.
Tissue specificity	Expressed in hematopoietic tissues.
Sequence similarities	Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily. Contains 1 rhodanese domain. Contains 1 tyrosine-protein phosphatase domain.
Cellular localization	Nucleus.

Images



Anti-DUSP2/PAC1 antibody (ab95159) at 1/50 dilution + Mouse liver tissue lysates at 35 μ g

Predicted band size: 34 kDa



Flow cytometric analysis of HepG2 (human liver hepatocellular carcinoma cell line) cells labeling DUSP2/PAC1 (Right) compared to a negative control cell (Left) using ab95159 at 1/10 dilution followed by a FITC-conjugated goat-anti-rabbit secondary antibody.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors