



Anti-DOCK180 antibody ab97325

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概述

产品名称	Anti-DOCK180抗体
描述	兔多克隆抗体to DOCK180
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human DOCK180 aa 1852-1865. Sequence: TTRKQASVDSGIVQ Database link: Q14185  Run BLAST with  Run BLAST with
阳性对照	WB: HEK-293T whole cell lysate. C8D30 , NIH/3T3 , Raw264.7 , C2C12 whole cell extracts. PC-12 whole cell extracts. ICC/IF: A431 cells IHC-P: Lung cancer.
常规说明	<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>

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆

同种型

IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab97325于以下的经测试应用

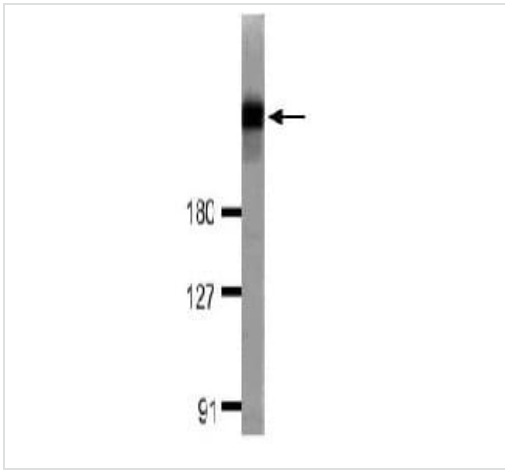
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/100 - 1/1000.
WB		1/500 - 1/3000. Predicted molecular weight: 215 kDa.
IHC-P		1/100 - 1/1000.

靶标

功能	Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Functions as a guanine nucleotide exchange factor (GEF), which activates Rac Rho small GTPases by exchanging bound GDP for free GTP. Its GEF activity may be enhanced by ELMO1.
组织特异性	Highly expressed in placenta, lung, kidney, pancreas and ovary. Expressed at intermediate level in thymus, testes and colon.
序列相似性	Belongs to the DOCK family. Contains 1 DHR-1 (CZH-1) domain. Contains 1 DHR-2 (CZH-2) domain. Contains 1 SH3 domain.
结构域	The DHR-2 domain is necessary and sufficient for the GEF activity.
细胞定位	Cytoplasm. Membrane. Recruited to membranes via its interaction with phosphatidylinositol 3,4,5-triphosphate.

图片

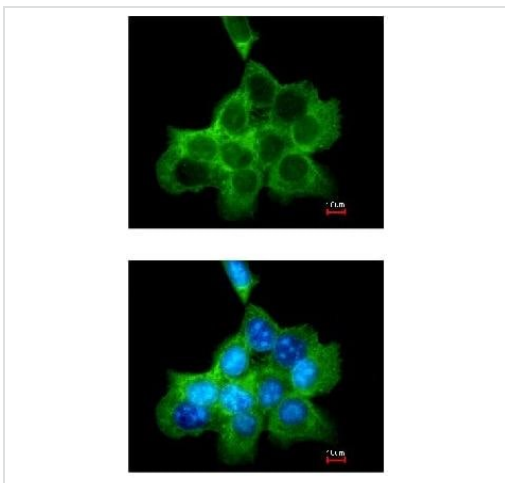


Western blot - Anti-DOCK180 antibody (ab97325)

Anti-DOCK180 antibody (ab97325) at 1/1000 dilution + HEK-293T whole cell lysate at 30 µg

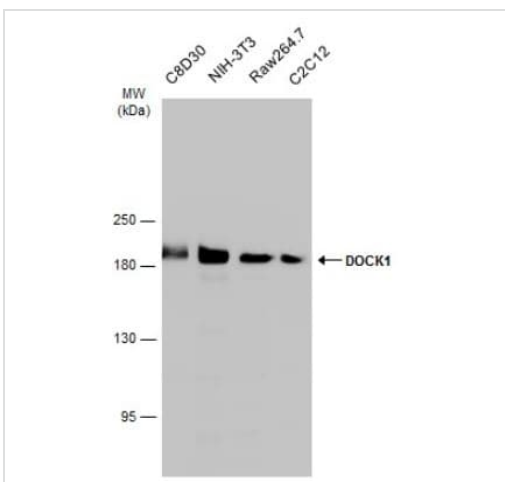
Predicted band size: 215 kDa

7.5% SDS Page



Immunocytochemistry/ Immunofluorescence - Anti-DOCK180 antibody (ab97325)

Immunofluorescence analysis of DOCK180 in methanol fixed A431 using ab97325 at a 1/200 dilution.



Western blot - Anti-DOCK180 antibody (ab97325)

All lanes : Anti-DOCK180 antibody (ab97325) at 1/1000 dilution

Lane 1 : C8D30 whole cell extract

Lane 2 : NIH/3T3 whole cell extract

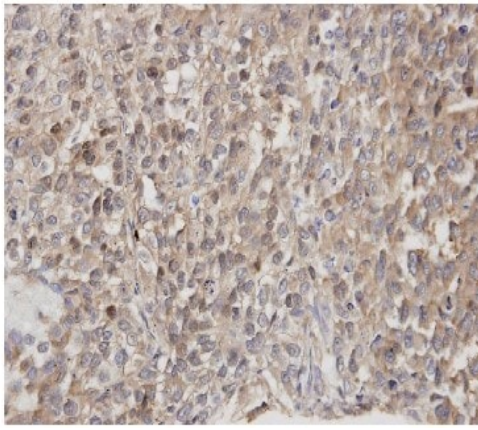
Lane 3 : Raw264.7 whole cell extract

Lane 4 : C2C12 whole cell extract

Lysates/proteins at 30 µg per lane.

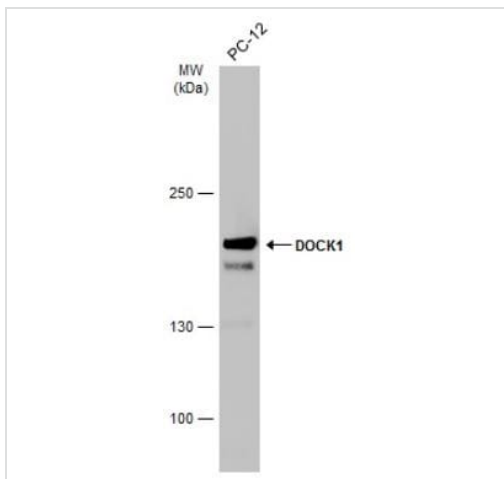
Predicted band size: 215 kDa

5% SDS-PAGE.



Immunohistochemical analysis of DOCK180 in paraffin embedded Lung cancer using ab97325 at a 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DOCK180 antibody (ab97325)



Anti-DOCK180 antibody (ab97325) at 1/1000 dilution + PC-12 whole cell extract at 30 µg

Predicted band size: 215 kDa

5% SDS-PAGE

Western blot - Anti-DOCK180 antibody (ab97325)

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