


Anti-Rab5 antibody ab13253

★★★★☆ [3 Abreviews](#) [32 References](#) [4 图像](#)

概述

产品名称	Anti-Rab5抗体
描述	兔多克隆抗体to Rab5
宿主	Rabbit
经测试应用	适用于: IHC-P, ICC/IF
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Dog 
免疫原	Synthetic peptide corresponding to Human Rab5 aa 150-250 conjugated to keyhole limpet haemocyanin. Database link: P20339 Run BLAST with Run BLAST with
阳性对照	ICC/IF: Rat hippocampal neurons (embryonic day 18), HEK cells, HeLa cells. IHC-P: Mouse back skin tissue section.
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	Preservative: 0.09% Sodium azide Constituents: 2.68% PBS, 50% Glycerol (glycerin, glycerine)
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab13253于以下的经测试应用

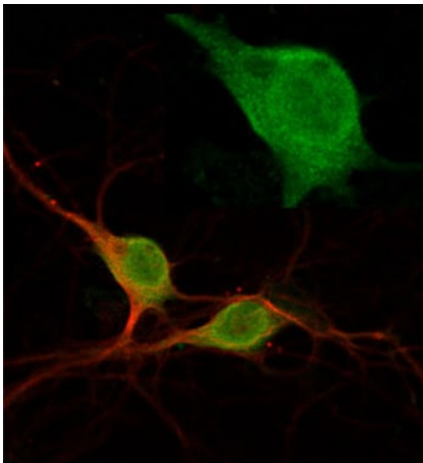
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/100. Use Bouin's fixative to fix tissue.
ICC/IF		1/80.

靶标

功能	Required for the fusion of plasma membranes and early endosomes.
序列相似性	Belongs to the small GTPase superfamily. Rab family.
细胞定位	Cell membrane. Early endosome membrane. Melanosome. Enriched in stage I melanosomes.

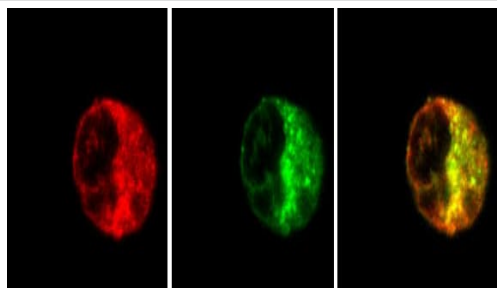
图片



Confocal microscopy of fixed primary cultures of rat hippocampal neurons (embryonic day 18) showing immunocytochemical labelling of polyclonal rabbit anti-Rab5 (Abcam ab13253, 1/200; Alexa Fluor 488; 1/200; green) and monoclonal mouse anti-tubulin-II (Alexa Fluor 568 1/200; red). Magnification 63x; insert 180x.

Immunocytochemistry/ Immunofluorescence - Anti-Rab5 antibody (ab13253)

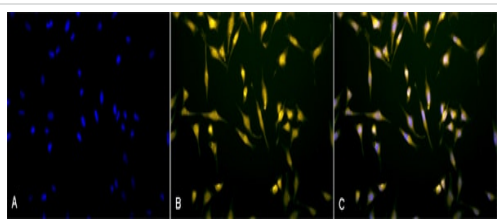
This image is courtesy of Randal Moldrich, CNRS UMR7637, ESPCI, France



Immunocytochemistry/ Immunofluorescence - Anti-Rab5 antibody (ab13253)

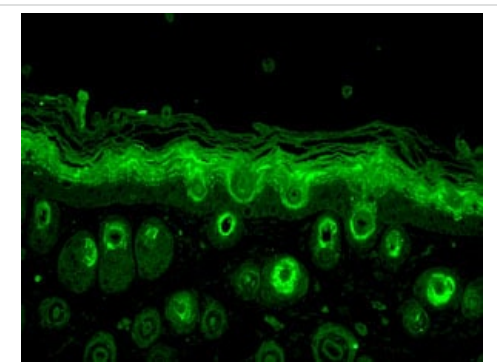
This image is courtesy of Randal Moldrich, CNRS UMR7637, ESPCI, France

ab13253 Rabbit polyclonal to Rab5 was used in fixed HEK cells that had been transfected with Rab5-GFP. Fluorescence microscopy of fixed Rab5-transfected HEK cells showing (left to right) immunocytochemical labelling of rabbit polyclonal Rab5 (ab13253, 1/500; Cy3; red), and Rab5-GFP (green) with their overlay (far right). Scale bar = 7µm. Showing good co-localisation.



Immunocytochemistry/ Immunofluorescence - Anti-Rab5 antibody (ab13253)

Immunofluorescent analysis of 2% paraformaldehyde fixed Human cervical cancer cell line (HeLa) for 20min at RT, labelling Rab5 with ab13253 at 1/80 dilution for 12 hours at 4°C, followed by secondary antibody Goat Anti-Rabbit (FITC) (green) at 1/200 dilution for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Image showing cytoplasmic staining on HeLa cells. (A) DAPI (blue) nuclear stain. (B) Anti-Rab5 Antibody (green). (C) Composite image.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rab5 antibody (ab13253)

ab13253 at 1/100 dilution staining Rab5 in mouse back skin tissue section by Immunohistochemistry (Bouin's fixative fixed paraffin-embedded tissue section). Antigen retrieval was done by microwave in citrate buffer. A Fluorophore-conjugated goat anti-rabbit secondary was used at 1/50 dilution.

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