


Anti-IL-34 antibody ab75723

3 References 2 图像

概述	
产品名称	Anti-IL-34抗体
描述	兔多克隆抗体to IL-34
宿主	Rabbit
特异性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Rat, Human 预测可用于: Mouse, Cow, Pig 
免疫原	Synthetic peptide corresponding to Human IL-34 aa 100-200 conjugated to keyhole limpet haemocyanin. (Peptide available as ab94831)
阳性对照	This antibody gave a positive signal in the following whole cell lysates: Caco 2; PC3; HepG2
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: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

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ab75723于以下的经测试应用

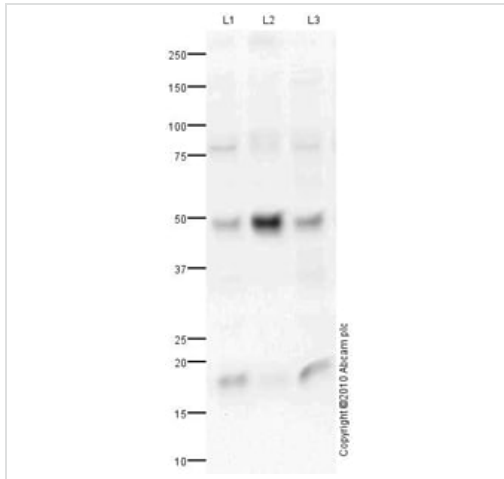
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 5 µg/ml.
WB		Use at an assay dependent dilution. Detects a band of approximately 48 kDa (predicted molecular weight: 27 kDa).

靶标

功能	Cytokine that promotes the differentiation and viability of monocytes and macrophages. Stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. Ligand for colony-stimulating factor-1 receptor CSF1R.
组织特异性	Detected in the sinusoidal epithelium in the red pulp of spleen (at protein level). Predominantly expressed in spleen. Also detected in a range of other tissues including heart, brain, lung, liver, kidney, thymus, testis, ovary, small intestine, prostate and colon.
序列相似性	Belongs to the IL-34 family.
细胞定位	Secreted.

图片



Western blot - Anti-IL-34 antibody (ab75723)

All lanes : Anti-IL-34 antibody (ab75723) at 1 µg/ml

Lane 1 : Caco 2 (Human colonic carcinoma cell line) Whole Cell Lysate

Lane 2 : PC3 (human prostate carcinoma cell line) Whole cell lysate

Lane 3 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) ([ab65484](#)) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

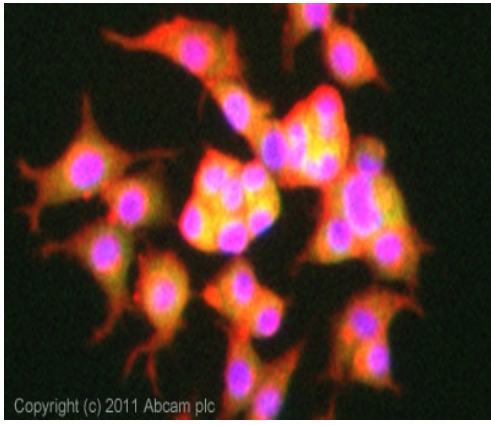
Predicted band size: 27 kDa

Observed band size: 48 kDa

Additional bands at: 18 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 5 minutes

The 48 kDa band observed is comparable to the molecular weight seen with other commercially available antibodies to IL-34.



Immunocytochemistry/ Immunofluorescence - Anti-IL-34 antibody (ab75723)

ICC/IF image of ab75723 stained PC12 cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab75723, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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