

Product datasheet

Anti-Macrophage Inflammatory Protein 1 alpha / CCL3 antibody ab9781

★★★★☆ 1 Abreviews 4 References 1 图像

概述

产品名称	Anti-Macrophage Inflammatory蛋白1 alpha / CCL3抗体
描述	兔多克隆抗体to Macrophage Inflammatory蛋白1 alpha / CCL3
宿主	Rabbit
经测试应用	适用于: Indirect ELISA, WB, ELISA, Neutralising, IHC-Fr
种属反应性	与反应: Rat
免疫原	Highly pure (>98%) recombinant rMIP-1-alpha (Rat macrophage inflammatory protein-1 alpha)

性能

形式	Lyophilised:Reconstitute with 200µl of sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	PBS, pH 7.4, no preservative, sterile filtered
纯度	Immunogen affinity purified
克隆	多克隆
同种型	unknown
轻链类型	unknown

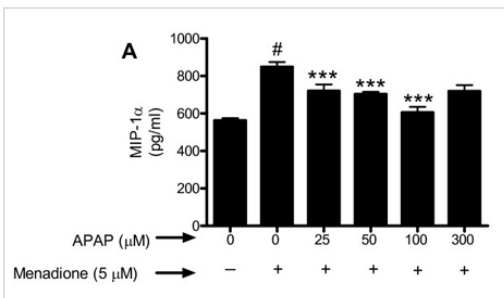
应用

Our [Abpromise guarantee](#) covers the use of **ab9781** in the following tested applications.

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

应用	Ab评论	说明
Indirect ELISA		

应用	Ab评论	说明
WB	★★★★☆	
ELISA		
Neutralising		
IHC-Fr		
应用说明	<p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of rMIP-1a (100 ng/ml), a concentration of 8.0 - 10.0 µg/ml of this antibody is required.</p> <p>ELISA: To detect rMIP-1-alpha by direct ELISA (using 100µl/well antibody solution) a concentration of at least 0.5µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant rMIP-1-alpha.</p> <p>Western Blot: To detect rMIP-1-alpha by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant rMIP-1-alpha is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p>	
靶标		
功能	<p>Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).</p>	
序列相似性	<p>Belongs to the intercrine beta (chemokine CC) family.</p>	
翻译后修饰	<p>N-terminal processed form LD78-alpha(4-69) is produced by proteolytic cleavage after secretion from HTLV1-transformed T-cells.</p>	
细胞定位	<p>Secreted.</p>	
图片		



Indirect ELISA - Anti-Macrophage Inflammatory

Protein 1 alpha / CCL3 antibody (ab9781)

Image from Tripathy D & Grammas P, J
Neuroinflammation. 2009 Mar 16;6:10. Fig 5.;
doi:10.1186/1742-2094-6-10; 16 March 2009, Journal of
Neuroinflammation 2009, 6:10

Indirect ELISA measuring Macrophage Inflammatory Protein 1 alpha / CCL3 levels using ab9781.

Supernatants collected from rat cerebral cortical cells after various treatments were coated onto 96-well flat bottom plates and incubated overnight at 4°C. The plates were blocked with 1% BSA at 37°C for 45 min before incubation with primary antibody (1/1000) in bicarbonate buffer overnight at 4°C. An HRP-conjugated secondary IgG (1/1000) was added and incubated for 45 min at 37°C, in the dark. The reaction was developed by adding o-phenylene diamine H₂O₂ for 20 min. Optical density was measured at 450 nm.

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