

Anti-M13 Bacteriophage Coat Protein g8p antibody [RL-ph2] ab9225

★★★★★ [2 Abreviews](#) [3 References](#) [1 图像](#)

概述

产品名称	Anti-M13 Bacteriophage Coat蛋白g8p抗体[RL-ph2]
描述	小鼠单克隆抗体[RL-ph2] to M13 Bacteriophage Coat蛋白g8p
宿主	Mouse
特异性	RL-ph2 reacts with the major M13 filamentous phage coat protein g8p with a molecular weight of 5 kDa.
经测试应用	适用于: ICC, Flow Cyt, WB
种属反应性	与反应: Enterobacteria phage M13
免疫原	Recombinant full length protein corresponding to Enterobacteria phage M13 M13 Bacteriophage Coat Protein g8p. Isolated M13 phage coat proteins Database link: P69541

常规说明

The display of repertoires of antibody fragments on the surface of filamentous phage offers a new way to produce immunoreagents with defined specificities. Phage derived antibody fragments offer a number of advantages over mouse monoclonal antibodies, such as better clearance from the blood, the possibility to select from human combinatorial libraries and the relative ease by which such fragments can be manipulated. The phage display technique thus facilitates the selection of antibody fragments of therapeutic value or research interest. Antibodies to M13 filamentous phage coat proteins are instrumental in the selection and detection of phages expressing specific antibody fragments or peptide sequences at their surface.

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.

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

性能

形式	Liquid
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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 Constituent: PBS
纯度	Protein A purified
Primary antibody说明	The display of repertoires of antibody fragments on the surface of filamentous phage offers a new way to produce immunoreagents with defined specificities. Phage derived antibody fragments offer a number of advantages over mouse monoclonal antibodies, such as better clearance from the blood, the possibility to select from human combinatorial libraries and the relative ease by which such fragments can be manipulated. The phage display technique thus facilitates the selection of antibody fragments of therapeutic value or research interest. Antibodies to M13 filamentous phage coat proteins are instrumental in the selection and detection of phages expressing specific antibody fragments or peptide sequences at their surface.
克隆	单克隆
克隆编号	RL-ph2
骨髓瘤	Sp2/0-Ag14
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab9225于以下的经测试应用

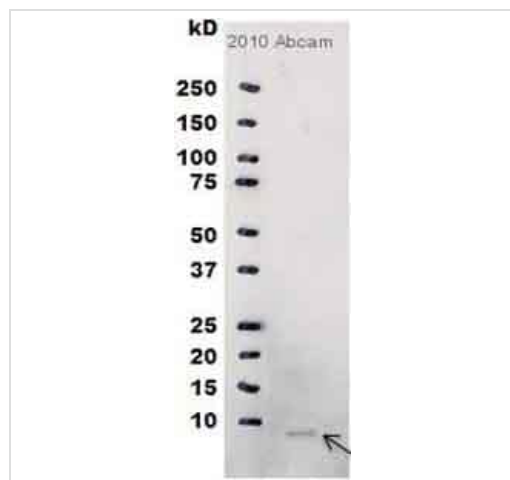
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		Use at an assay dependent concentration.
Flow Cyt		1/25 - 1/200. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/100 - 1/1000. Detects a band of approximately 5 kDa (predicted molecular weight: 5 kDa).

靶标

相关性	M13 is a filamentous bacteriophage composed of circular single stranded DNA (ssDNA) which is 6407 nucleotides long encapsulated in approximately 2700 copies of the major coat protein P8, and capped with 5 copies of two different minor coat proteins (P9, P6, P3) on the ends. The minor coat protein P3 attaches to the receptor at the tip of the F pilus of the host Escherichia coli. Infection with filamentous phages is not lethal, however the infection causes turbid plaques in E. coli. It is a non-lytic virus. However a decrease in the rate of cell growth is seen in the infected cells. Antibodies to M13 filamentous phage coat proteins are instrumental in the selection and detection of phages expressing specific antibody fragments or peptide sequences at their surface.
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图片



Western blot - Anti-M13 Bacteriophage Coat Protein g8p antibody [RL-ph2] (ab9225)

Image courtesy of an anonymous Abreview.

Anti-M13 Bacteriophage Coat Protein g8p antibody [RL-ph2] (ab9225) at 1/1000 dilution + whole cell lysate prepared from XL10Gold cells at 50 µg

Secondary

Rabbit Anti-Mouse IgG H&L (HRP) ([ab6728](#)) at 1/2000 dilution

Predicted band size: 5 kDa

Observed band size: 6 kDa

Primary antibody incubated for 16 hours at 4°C.

Blocking step performed using 5% milk for 1 hour at room temperature.

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