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Product datasheet

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

★★★★★ 2 Abreviews 3 References 画像数 1

製品の概要

製品名	Anti-M13 Bacteriophage Coat Protein g8p antibody [RL-ph2]
製品の詳細	Mouse monoclonal [RL-ph2] to M13 Bacteriophage Coat Protein g8p
由来種	Mouse
特異性	RL-ph2 reacts with the major M13 filamentous phage coat protein g8p with a molecular weight of 5 kDa.
アプリケーション	**適用あり:** ICC, Flow Cyt, WB
種交差性	**交差種:** 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**

特記事項

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

製品の特性

製品の状態	Liquid

保存方法	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.
バッファー	Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Protein A purified
一次抗体 備考	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.
ポリ/モノ	モノクローナル
クローン名	RL-ph2
ミエローマ	Sp2/0-Ag14
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab9225の使用に適用されます

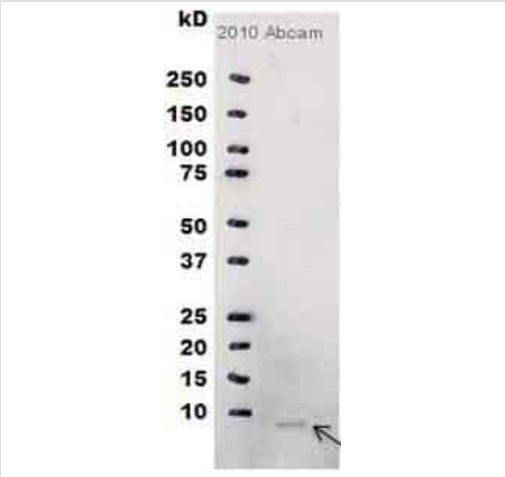
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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).

ターゲット情報

関連性	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.

画像



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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