

## Product datasheet

# Anti-M13 + Fd Bacteriophage Coat Proteins antibody ab6188

★★★★★ 2 Abreviews 10 References

### Overview

<b>Product name</b>	Anti-M13 + Fd Bacteriophage Coat Proteins antibody
<b>Description</b>	Rabbit polyclonal to M13 + Fd Bacteriophage Coat Proteins
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Indirect ELISA, ELISA, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Other species
<b>Immunogen</b>	Tissue, cells or virus corresponding to M13 + Fd Bacteriophage Coat Proteins. fd bacteriophage
<b>General notes</b>	Concentration: 5.5 mg/ml- 7.5 mg/ml

Can be used as a capture antibody when coated directly on microtiter plates, or as a primary detection antibody for specifically captured M13 or fd phage. May be useful in rapidly sorting large phage display libraries (antibody, peptide etc.) with the expressed proteins fused to either the gene III or gene VIII protein of the filamentous phage. May be used as a reagent in "phage ELISA" offering sensitive and specific activity for detection of recombinant phages.

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

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: 0.0268% PBS
<b>Purity</b>	IgG fraction

<b>Primary antibody notes</b>	Can be used as a capture antibody when coated directly on microtiter plates, or as a primary detection antibody for specifically captured M13 or fd phage. May be useful in rapidly sorting large phage display libraries (antibody, peptide etc.) with the expressed proteins fused to either the gene III or gene VIII protein of the filamentous phage. May be used as a reagent in "phage ELISA" offering sensitive and specific activity for detection of recombinant phages.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab6188 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Indirect ELISA		Use at an assay dependent concentration. At least 1/1000 for $5 \times 10^7$ phage/ml at least 1/8000 for $5 \times 10^{10}$ phage/ml.
ELISA	★★★★★ (2)	Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration. PubMed: 17178915

## Target

**Relevance** 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.

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

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