

Product datasheet for **BM6050P**

VIII Mouse Monoclonal Antibody [Clone ID: RL-ph2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RL-ph2
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	Immunoblotting of separated phage proteins (1/100-1/1000), and is also suitable for detection of M13 phages in multistep Immunoblotting procedures. Flow Cytometry: 1/25-/200. Immunocytochemistry. Immunohistochemistry: 1/25-1/200 with ABC as detection system. ELISA. Affinity Chromatography.
Reactivity:	M13 Bacteriophage
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Isolated M13 phage coat proteins.
Specificity:	<i>RL-ph2</i> reacts with the M13 filamentous phage coat protein g8p with a Molecular Weight of 5 kDa.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P69541



[View online »](#)

Background:

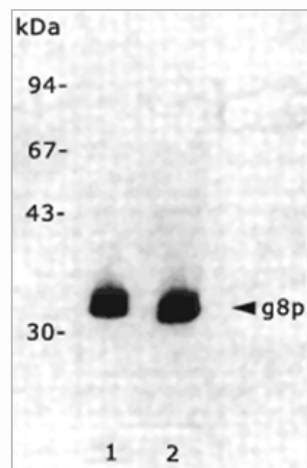
The display of repertoires of antibody fragments on the surface of filamentous phage offers a new way to produce immunoreagents with defined specificities.

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.

Synonyms:

Gene 8 protein, Coat protein B, Major coat protein

Product images:

Immunoblot analyses of the monoclonal antibody RL-ph1 (cat.Nr [BM6049P]) and RL-ph2 (cat.Nr BM6050P) reactive with g8p coat proteins of the Filamentous Bacteriophage M13.