OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for BM6049P

VIII Mouse Monoclonal Antibody [Clone ID: RL-ph1]

Product data:

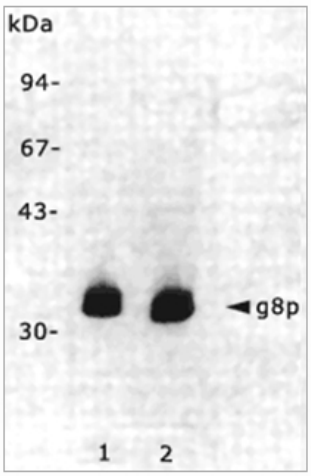
Product Type:	Primary Antibodies
Clone Name:	RL-ph1
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	**Western Blot:** 1/100-1/1000. **Immunocytochemistry.** **Flow Cytometry:** 1/25-1/200. **Immunohistochemistry:** 1/25-1/200 with ABC as detection system. **ELISA.** **Affinity Chromatography.**
Reactivity:	M13 Bacteriophage
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Isolated M13 phage coat proteins.
Specificity:	*RL-ph1* reacts with the M13 filamentous phage coat protein g8p with a Molecular Weight of approx. 5 kDa.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freeze-thaw cycles.
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.-No BM6049P) and RL-ph2 (Cat.-No [BM6050P]) reactive with g8p coat proteins of the Filamentous Bacteriophage M13.