

Mouse M13 bacteriophage (gp3) Monoclonal Antibody | anti-III antibody

M13 bacteriophage (gp3) Biotinylated

CATALOG # AAA60487	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

M13 bacteriophage (gp3); Monoclonal Antibody; M13 bacteriophage (gp3) Biotinylated; Coat protein A; G3P; Minor coat protein; anti-III antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Clone Number	E1
Purity/Purification	Protein A/G Chromatography
Form/Format	Provided as solution in phosphate buffered saline with 0.08% sodium azide
Concentration	1mg/mL (varies by lot)
Sequence Length	424
Applicable Applications for anti-III antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	M13 phage coat proteins
Source Note	Hybridoma produced by the fusion of splenocytes from mice immunized with isolated M13 phage coat proteins and mouse myeloma cells.
Conjugate	Biotin conjugated
Preparation and Storage	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles Notes: Ship at ambient temperature, freeze upon arrival. Stability: Products are stable for one year from purchase when stored properly.

IMAGES



Application Data

Data represents absorbancy readings for A10B phage on rabbit IgG (A10B/IgG), A10B phage on BSA (A10B/BSA), streptavidin on rabbit IgG (SA/IgG) and streptavidin on BSA (SA/BSA) for each dilution of biotinylated anti-M13 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-III antibody	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.
Product Categories/Family for anti-III antibody	Monoclonal Antibody; Phage Display

NCBI AND UNIPROT INFORMATION

NCBI GI #	17426224
NCBI GeneID	927334
NCBI Accession #	NP_510891.1
NCBI GenBank Nucleotide #	NC_003287.2
UniProt Accession #	P69168; P03662
NCBI Official Full Name	structural protein
NCBI Official Symbol	III
NCBI Protein Information	attachment protein
UniProt Protein Name	Attachment protein G3P
UniProt Gene Name	III
UniProt Synonym Gene Names	G3P
UniProt Entry Name	G3P_BPM13

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.