ARG66893
anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP)

Package: 100 µg, 1 mg
Store at: 4°C

Summary

Product Description	HRP-conjugated Mouse Monoclonal antibody [SQab21250] recognizes M13 Bacteriophage g8p coat protein
Tested Reactivity	Virus
Tested Application	ELISA
Host	Mouse
Clonality	Monoclonal
Clone	SQab21250
Isotype	IgG2b
Target Name	M13 Bacteriophage g8p coat protein
Species	Virus
Immunogen	g8p coat protein combine M13KO7 phage.
Conjugation	HRP
Alternate Names	M13 Bacteriophage coat phage protein pVIII; M13 pVIII protein; M13 pVIII coat protein; M13 antibody (g8p); Anti-M13 Bacteriophage g8p Coat Protein Antibody; SQab21250; HRP conjugated; Western blot; ELISA; immunoprecipitation; DNA cloning; sequencing; g8p coat protein; molecular biology applications; research use; detection; quantification

Application Instructions

Application table

Application	Dilution
ELISA	1:5000 - 1:25000

Application Note: This antibody reacts phage by ELISA, but does not reacts to recombinant Fc-tagged g8p protein.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

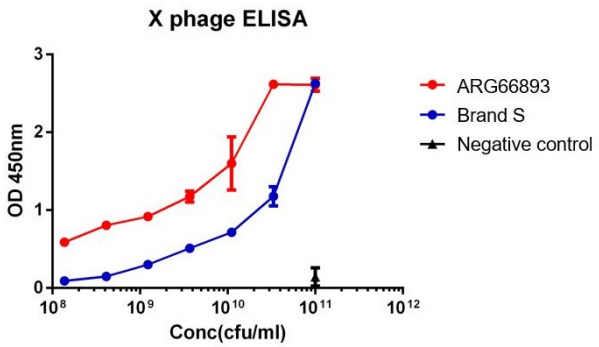
Form	Liquid
Purification	Purification with Protein G.
Purity	95% (by SDS-PAGE)
Buffer	PBS and 0.01% Sodium azide.
Preservative	0.01% Sodium azide
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid

	repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

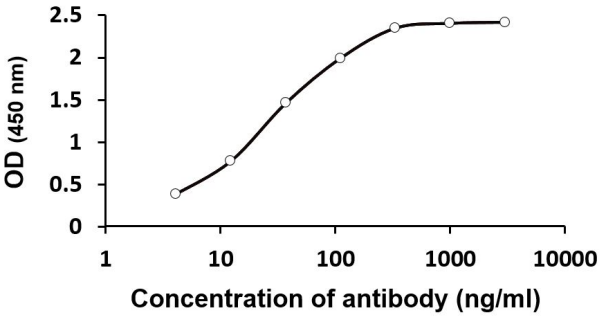
Gene Symbol	VIII (M13)
Gene Full Name	Capsid protein G8P (M13)
Function	M13 Bacteriophage g8p coat protein self assembles to form a helical capsid wrapping up the viral genomic DNA. The capsid displays a filamentous structure with a length of 760-1950 nm and a width of 6-8 nm. The virion assembly and budding take place at the host inner membrane. [UniProtKB - P69541 (CAPSD_BPM13)]
Highlight	Related news: M13 monoclonal antibody validated in ELISA and FACS;

Images



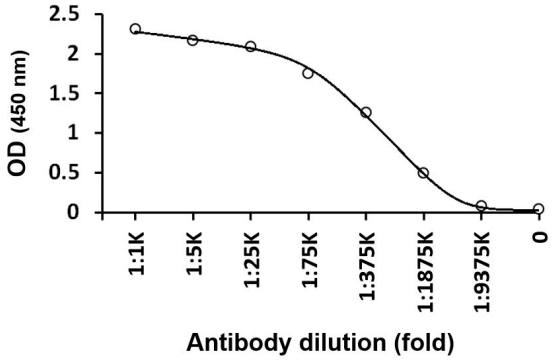
ARG66893 anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP) ELISA image (Customer's Feedback)

Direct ELISA: Coating the indicated amounts of X phage and stained with 0.5 µg/ml concentration of ARG66893 anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP) or an antibody from brand S.



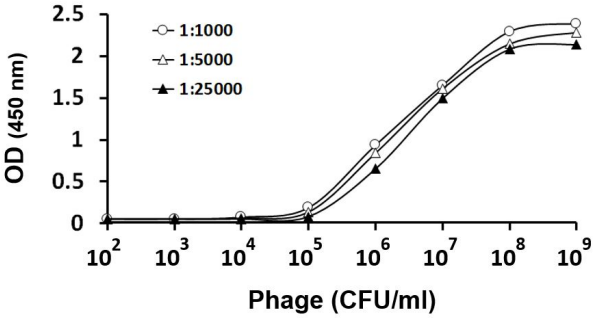
ARG66893 anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP) ELISA image

ELISA: M13 phage was pre-coated on the plate and detected the phage by variable concentrations of ARG66893 anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP).



ARG66893 anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP) ELISA image

ELISA: The plate was coated with 10^8 of M13 bacteriophages. Samples were detected with serially diluted ARG66893 anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP).



ARG66893 anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP) ELISA image

Sensitivity analysis: Coating the indicated amounts of M13 bacteriophages and stained with the different concentration of ARG66893 anti-M13 Bacteriophage g8p coat protein antibody [SQab21250] (HRP).