Anti-Factor H binding protein from N. meningitidis [JAR5] Bulk Size Ab00445-10.7-BT

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

This reformatted human antibody was made using the variable domain sequences of the original mouse IgG2b format for improved compatibility with existing reagents, assays, and techniques.

Isotype and Format: Human F(ab)2, AbFab2™ His-Tagged, Kappa
Clone Number: JAR5
Alternative Name(s) of Target: FHbp
UniProt Accession Number of Target Protein: C6KHT4
Published Application(s): Blocking, WB, ELISA
Published Species Reactivity: Neisseria meningitidis
Immunogen: Genome-derived neisserial Antigen 1870.
Specificity: This antibody binds to FHbp with a Kd of 54 pM.
Application Notes: This antibody binds to N. meningitidis FHbp, a virulence factor critical for surviving of the bacteria in the human host. This antibody shows strong inhibition of human FH binding.
Antibody First Published in: Welsch et al. Protective activity of monoclonal antibodies to genome-derived neisserial antigen 1870, a Neisseria meningitidis candidate vaccine. Journal of Immunology 2004; 172(9):5606-5615 PMID:15100304
Note on publication: Describes the generation of several antibodies against eneisserial antigen 1870 and study of their passive protection against bacteremia.

Product Form

Size: 500 µg Purified antibody in bulk size.
Purification: Purified by Immobilized Metal Affinity Chromatography
Supplied In: PBS only.
Storage Recommendation: Store at 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer

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storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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