



Anti-Factor H binding protein from *N. meningitidis* [JAR5] Standard Size,
100 µg, Ab00445-10.7

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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 neisserial antigen 1870 and study of their passive protection against bacteremia.

Product Form

Size: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

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.