

Anti-Factor H binding protein from *N. meningitidis* [JAR5] Standard Size Ab00445-10.0

This chimeric 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 IgG1, 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 K_d 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: 200 µg Purified antibody.

Purification: Protein A affinity purified

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.