

Anti-Factor H binding protein from *N. meningitidis* [JAR5] Standard Size Ab00445-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric mouse 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: Mouse IgG1, Fc Silent™, 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.