

## Anti-Anti-platelet aggregation protein [8H7] Standard Size Ab00433-1.4

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

**Isotype and Format:** Mouse IgG1, [Fc Silent™](#), Kappa

**Clone Number:** 8H7

**Alternative Name(s) of Target:** Ansg-1; AAPP

**UniProt Accession Number of Target Protein:** Q7YT37

**Published Application(s):** Blocking, ELISA

**Published Species Reactivity:** Anopheles stephensi

**Immunogen:** Recombinant AAPP.

**Specificity:** This antibody binds specifically to the turn-region of AAPP.

**Application Notes:** This antibody binds specifically to Anopheles anti-platelet protein (AAPP), which blocks platelet adhesion to collagen by binding directly to collagen and subsequently aggregating platelets. This antibody prevents AAPP binding to collagen.

**Antibody First Published in:** Sugiyama et al. The crystal structure of the active domain of Anopheles anti-platelet protein, a powerful anti-coagulant, in complex with an antibody. Journal of Biological Chemistry 2015; 289(23):16303-16312 [PMID:24764297](#)

**Note on publication:** Describes the generation of an anti- anti-platelet protein antibody and subsequent crystallography.

### 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.