Chloroquine, mAb (25G10)

Product Number: BPD-HYB-317-01
Synonyms: hapten, anti malarial drug, 2-amino-5-diethylaminopentane
Source/Host: From mouse.
Specificity: Chloroquine
Applications: ELISA
Optimal conditions must be determined individually for each application.
Immunogen: 2-Amino-5-diethylaminopentane.
Formulation: Liquid. In 0.01M phosphate buffer, pH 7.4, containing 0.5M sodium chloride and 15mM sodium azide.
Purification: Protein A/G affinity purified.
Storage Temperature: +4°C

Scientific Background:
Chloroquine is the prototype anti malarial drug, most widely used to treat all types of malarial infections. It is also the cheapest, time tested and safe anti malarial agent. Chloroquine is a hapten of molecular weight 158.29 g/mol. The quinoline moiety of the chloroquine molecule is the same as for many other antimalarial drugs, but the sidechain is unique.

References: