

Product datasheet

Anti-Amodiaquine antibody [6D10] ab23487

Overview

Product name	Anti-Amodiaquine antibody [6D10]
Description	Mouse monoclonal [6D10] to Amodiaquine
Host species	Mouse
Specificity	ab23487 reacts with amodiaquine and is able to distinguish from other antimalarial drugs. Crossreactivity towards desethylchloroquine is approximately 1%. Crossreactivity towards desethylamodiaquine has not been tested.
Tested applications	Suitable for: ELISA
Immunogen	4-amino-2(diethylaminomethyl)phenol coupled to S3.
Epitope	ab23487 has specificity for the non-quinoline sidechain of amodiaquine.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 15mM Sodium Azide Constituents: 0.5M Sodium chloride, 0.01M PBS, pH 7.4
Purity	Protein A purified
Clonality	Monoclonal
Clone number	6D10
Myeloma	x63-Ag8.653
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab23487** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		

Application notes

ELISA: 1/4000.

ab23487 can be used for quantitation of amodiaquine in human serum or plasma with a detection limit of approximately 2 ng/ml.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

Amodiaquine is an antimalarial drug with effects very similar to those of chloroquine.

Amodiaquine has been widely used to treat malaria. Due to reports of fatal adverse drug reactions, discontinuation or modification of its use has been suggested. Amodiaquine is a hapten of molecular weight 267.3 g/mol.

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