

Mouse Oxytetracycline Antibody

Oxytetracycline (Mouse monoclonal)

CATALOG # AAA59116	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Oxytetracycline; Oxytetracycline (Mouse monoclonal); Anti-Oxytetracycline antibody; anti-Oxytetracycline antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Purity/Purification	>95% by HPLC & SDS-PAGE
Form/Format	Liquid
Concentration	7 mg/ml (varies by lot)
Applicable Applications for anti-Oxytetracycline antibody	ELISA
Immunogen	Oxytetracycline (whole molecule).
Purification	Protein A or G purified
IC50 Value	0.5-1.0 ppb
Buffer	supplied in 0.01 M PBS (pH7.4)
Preparation and Storage	Aliquot and store at -20 degree C for 2 years. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-Oxytetracycline antibody	Oxytetracycline was the second of the broad-spectrum tetracycline group of antibiotics to be discovered. Oxytetracycline works by interfering with the ability of bacteria to produce essential proteins. Without these proteins, the bacteria cannot grow, multiply and increase in numbers. Oxytetracycline therefore stops the spread of the infection and the remaining bacteria are killed by the immune system or eventually die. Oxytetracycline, like other tetracyclines, is used to treat many infections, both common and rare. Its better absorption profile makes it preferable to tetracycline for moderately severe acne at a dosage of 250-500 mg four times a day for usually six to eight weeks at a time, but alternatives should be sought if no improvement occurs by three months. Oxytetracycline can also be used to correct breathing disorders in livestock. It is administered in a powder or through an intramuscular injection.
References	1. British National Formulary 45 March 2003.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/mouse-antibody/oxytetracycline/59116>