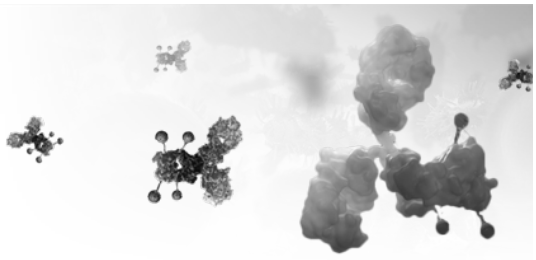

Anti-Penicillin chimeric monoclonal antibody, clone FH3 (CABT-L2440)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	It is a Mouse/Human chimeric monoclonal antibody produced in transgenic mice by replacing the mouse sequence of the heavy chain constant region (IgM, IgG or IgA loci) by the corresponding human sequence. After immunization with the antigen of interest, generated antibody clones are cultivated by standard hybridoma techniques. They consist of the human constant region of the heavy chain, mouse variable region of the heavy chain and mouse light chain. The human constant region of the heavy chain can be directly recognized by the anti-human conjugate, which is used in numerous in vitro diagnostic assays.
Specificity	This antibody directed against 6-aminopenicillanic acid.
Target	Penicillin
Isotype	IgE
Source/Host	Mouse
Species Reactivity	N/A
Clone	FH3
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg
Buffer	Supplied in IMDM, 10% fetal bovine serum (FBS), 1% penicillin – streptomycin, 1% sodium

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	pyruvate, 1% non essential aminoacids, 50 µM β mercaptoethanol
Preservative	0.09% Sodium Azide
Storage	2–8 °C
Ship	Wet ice

BACKGROUND

Introduction	Penicillin is a group of Beta-lactam antibiotics used in the treatment of bacterial infections caused by susceptible, usually Gram-positive, organisms. β-lactam antibiotics work by inhibiting the formation of peptidoglycan cross-links in the bacterial cell wall, which results in cytolysis.
Keywords	Ampicillin;Benzylpenicillin;PCN;Penicilin;Penicillin G;Phenoxymethylpenicillin

GENE INFORMATION

Synonyms	Ampicillin; Benzylpenicillin; PCN; Penicilin; Penicillin G; Phenoxymethylpenicillin

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