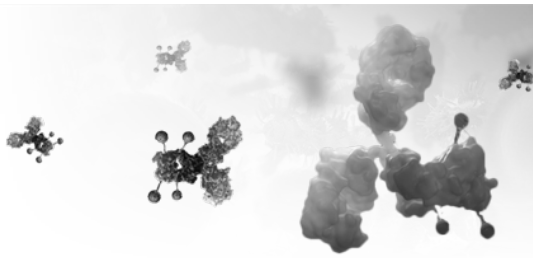

Anti-Wasp venom chimeric monoclonal antibody, clone D3C20 (CABT-L2438)

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 targets wasp venom.
Target	Wasp venom
Isotype	IgE
Source/Host	Mouse
Species Reactivity	N/A
Clone	D3C20
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Buffer	Purified format supplied in 20mM HEPES, pH7.4, 250mM NaCl, 10% Glycerol Supernatant supplied in IMDM, 10% fetal bovine serum (FBS), 1% penicillin – streptomycin, 1% sodium pyruvate, 1% non essential aminoacids, 50 µM β mercaptoethanol
Preservative	0.09% Sodium Azide

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Storage	2–8 °C
Ship	Wet ice

BACKGROUND

Introduction	Wasp venom allergy is the most common insect venom allergy in Europe. The allergy can be treated by specific immunotherapy with whole venom extracts. Wasp venom is difficult and costly to obtain and is a subject to composition variation, therefor it can be advantageous to substitute it with a cocktail of recombinant allergens.
Keywords	Wasp venom allergy;Wasp;Wasp venom;Bee Venom

GENE INFORMATION

Synonyms	Wasp venom allergy; Wasp; Wasp venom; Bee Venom

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