



# Anti-Wasp venom chimeric monoclonal antibody, clone D2H3 (CABT-L2439)

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.

<b>Specificity</b>	This antibody targets wasp venom.
<b>Target</b>	Wasp venom
<b>Isotype</b>	IgE
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	D2H3
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Buffer</b>	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
<b>Preservative</b>	0.09% Sodium Azide

<b>Storage</b>	2–8 °C
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	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, therefore it can be advantageous to substitute it with a cocktail of recombinant allergens.
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<b>Keywords</b>	Wasp venom allergy;Wasp;Wasp venom;Bee Venom
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## GENE INFORMATION

<b>Synonyms</b>	Wasp venom allergy; Wasp; Wasp venom; Bee Venom
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