



Anti-Ovalbumin chimeric monoclonal antibody, clone Y5B5 (CABT-L2435)

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 can be used for the detection of IgE antibodies in serum, to indicates an increased likelihood of allergic disease as opposed to other etiologies and defines the allergens that may be responsible for eliciting signs and symptoms.
Target	Ovalbumin
Isotype	IgE
Source/Host	Mouse
Species Reactivity	N/A
Clone	Y5B5
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 μ M β mercaptoethanol

Preservative	0.09% Sodium Azide
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Storage	2–8 °C
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Ship	Wet ice
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BACKGROUND

Introduction	Ovalbumin (abbreviated OVA) is the main protein found in egg white, making up 60-65% of the total protein. Ovalbumin displays sequence and three-dimensional homology to the serpin superfamily, but unlike most serpins it is not a serine protease inhibitor. The function of ovalbumin is unknown, although it is presumed to be a storage protein.
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Keywords	OVA;Ovalbumin
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GENE INFORMATION

Synonyms	OVA; Ovalbumin
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