



Human Anti-Gal d 2 Monoclonal Antibody, clone 22C7 (CABT-L5119H)

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

PRODUCT INFORMATION

Product Overview	Monoclonal antibody derived from a patient allergic to egg.
Specificity	This clone targets Gallus domesticus allergen (ovalbumin)
Isotype	IgE
Source/Host	Human
Species Reactivity	N/A
Clone	22C7
Purification	Purified, Purity> 95 %
Conjugate	Unconjugated
Applications	IA
Preparation	Monoclonal antibody derived from a patient allergic to egg.
Format	Liquid
Concentration	Lot specific
Size	200 µl
Buffer	In phophate buffered saline, pH 7.4 and 0.05% Tween-20. 0.25µm filtered, preservative free
Preservative	None
Storage	Maintain at -20°C for up to 12 months. Avoid repeated freeze-thaw cycles. Store product

undiluted.

Ship

Wet ice

BACKGROUND

Introduction

Gal d 2, also known as Ovalbumin and Albumin, is a 44 kDa phosphoglycoprotein. Gal d 2 was previously known as Gal d I and Gal d II. An isoform, Gal d 2.0101, has been characterised. Ovalbumin is a major allergen of Hen's egg white and is the most abundant of Egg white proteins, comprising 54% of the total proteins and a fivefold greater quantity than Ovomucoid. It has 4 cysteine residues and a single cystine disulphide bridge. When Egg white proteins are separated by electrophoresis, 3 Ovalbumin bands appear, corresponding to the dephosphorylated, mono- and di-phosphorylated forms

Keywords

Gallus domesticus;Gal d2

GENE INFORMATION

Entrez Gene ID

[CAA23682](#)

UniProt ID

[P01012](#)
