



# 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

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

undiluted.

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**Ship** Wet ice

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## 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

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**Keywords** Gallus domesticus;Gal d2

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## GENE INFORMATION

**Entrez Gene ID** [CAA23682](#)

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**UniProt ID** [P01012](#)

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