



# Human Anti-Feline Fel d 1 Monoclonal Antibody, clone 7B2 (CABT-L5107)

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 cat.
<b>Specificity</b>	This clone targets <i>Felis domesticus</i> allergen.
<b>Isotype</b>	IgE
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Cat
<b>Clone</b>	7B2
<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 cat.
<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. 0.23µm 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** Fel d 1 is a protein that in cats is encoded by the CH1 (chain 1/Fel d 1-A) and CH2 (chain 2/Fel d 1-B) genes. The protein is of an unknown function to the animal but causes an IgG or IgE reaction in sensitive humans (either as an allergic or asthmatic response).

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**Keywords** Major allergen I polypeptide chain 1;AG4;Allergen Cat-1;Allergen Fel d I-A;Allergen Fel d I-B;Allergen FdI;Allergen Fel D1;Chain 1;Chain 2;

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## GENE INFORMATION

**UniProt ID** [P30438](#)

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