



# Human Anti-Dust mite Der p 1 Monoclonal Antibody, clone 3M22 (CABT-L5108)

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 house dust mite.
<b>Specificity</b>	This clone targets Dermatophagoides pteronyssinus allergen.
<b>Isotype</b>	IgE
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Dust mite
<b>Clone</b>	3M22
<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 house dust mite.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µl
<b>Buffer</b>	In phophate 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

Der p 1 is a 25 kDa glycoprotein composed of a 222-amino acid sequence encoded by the gene DERP1. Der p 1 is synthesized as an inactive 80-amino acid protein precursor known as proDer p 1, which is then cleaved and activated by mature Der p 1

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### Keywords

Antigen P1;Cysteine protease;Der p 1;House dust mite;Dermatophagoides spp.  
Allergens;asthma;Dermatophagoides pteronyssinus

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## GENE INFORMATION

**UniProt ID**

[P08176](#)

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