



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

Product Overview	Monoclonal antibody derived from a patient allergic to house dust mite.
Specificity	This clone targets Dermatophagoides pteronyssinus allergen.
Isotype	IgE
Source/Host	Human
Species Reactivity	Dust mite
Clone	3M22
Purification	Purified, Purity > 95 %
Conjugate	Unconjugated
Applications	IA
Preparation	Monoclonal antibody derived from a patient allergic to house dust mite.
Format	Liquid
Concentration	Lot specific
Size	200 µl
Buffer	In phosphate buffered saline, pH 7.4 and 0.05% Tween-20. 0.23µm 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 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

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

GENE INFORMATION

UniProt ID [P08176](#)
