



Mouse Anti-Cat Fel d 1 Monoclonal Antibody, clone 6F9 (CABT-YN1516)

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

PRODUCT INFORMATION

Specificity	Binds to an epitope on cat <i>Felis domesticus</i> allergen, Fel d 1, Chain 1
Target	Cat Fel d 1
Immunogen	Fel d 1
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	<i>Felis domesticus</i>
Clone	6F9
Purification	Produced in tissue culture and purified by affinity chromatography using Protein G.
Conjugate	Unconjugated
Applications	ELISA Recommended dilution: ELISA: 1:1000 Final working dilutions must be determined by end user.
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Phosphate buffered saline, pH 7.4, preservative free.

Preservative	None
Storage	Store at 4°C
Ship	Wet ice

BACKGROUND

Introduction	Sensitization to the cat is strongly associated with asthma, especially in environments free of mite and cockroach. Children with cat allergy and problematic severe asthma have higher levels of IgE antibodies towards cats compared with children with controlled asthma. Severe asthma can be caused by multiple sensitizations to lipocalins (Fel d 4) and uteroglobins (Fel d 1) Pork/cat syndrome or allergy to cat dander and pork meat can be mediated by cross-reactive antibodies against pork serum albumin and cat serum albumin (Fel d 2). It has been documented that Fel d 1 becomes airborne very easily and then is carried by small particles, which in turn transfers it to environments that have not had any exposure to a cat. The concentration in such environments has been at levels that exceed the proposed sensitization threshold of 8 µg/gm.
Keywords	Fel d1; Fel d 1; <i>Felis domesticus</i>

GENE INFORMATION

Protein Refseq	None
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