



Rabbit Anti-Mouse Mus m 1 Polyclonal Antibody (CABT-YN1492)

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

PRODUCT INFORMATION

Specificity	Binds to an epitope on mouse Mus musculus urinary allergen, Mus m 1.
Target	Mouse Mus m 1
Immunogen	Mus m 1
Source/Host	Rabbit
Species Reactivity	Mus musculus
Purification	Affinity chromatography using recombinant Protein G. Single heavy and light chain bands on SDS-PAGE.
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
Preservative	None
Storage	Store at 4°C
Ship	Wet ice

BACKGROUND

Introduction Exposure to high levels of mouse urinary protein (Mus m 1, hereinafter called 'mouse allergen') has been previously linked to sensitization to mouse, and indicators of asthma severity or control in some studies. To date, this is the only known mouse allergen registered in the IUIS database. This allergen is responsible for 27% of the total T cell response, confirming the dominant role it plays in mouse allergy. Mice have a worldwide distribution affecting both rural and urban areas; hence humans are frequently exposed to mouse-derived proteins. Additionally, exposure to mouse allergens has increased since they are more frequently being made pets, and in addition, exposure of laboratory animal care personnel to mice has been associated with a high risk of developing occupational allergies. Mus m 1 has been recognized as the main mouse allergen, and several studies suggest its clinical relevance.

Keywords Mus m1; Mus m 1; Mus musculus

GENE INFORMATION

Protein Refseq None