Anti-Der p 1 [10B9] Bulk Size Ab00657-13.12-BT

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG4-S228P, Kappa
Clone Number: 10B9
Alternative Name(s) of Target: Dust Mite Allergen; Der p 1: Dermatophagoides pteronissynus allergen 1; Allergen Der p 1; Allergen Der p I; Major mite fecal allergen Der p 1
UniProt Accession Number of Target Protein: P08176
Published Application(s): crystallization, ELISA
Published Species Reactivity: Dust Mite (Dermatophagoides pteronissynus)
Immunogen: Der p 1, a dust mite allergen.
Specificity: This antibody binds to a species-specific epitope in Der p 1, a dust mite allergen.
Application Notes: This antibody binds to a species-specific epitope on Der p 1. It may be used in conjunction with clone 5H8 in a sandwich assay. It also competes with clone 4C1 for binding to Der p 1, but with 4C1 binding to Der f 1. Fab versions of this antibody have been used in co-crystallization studies.
Antibody First Published in: Chapman et al. Epitope mapping of two major inhalant allergens, Der p I and Der f I, from mites of the genus Dermatophagoides. J Immunol. 1987 Sep 1;139(5):1479-84. PMID:2442247
Note on publication: Describes comparative epitope mapping of various anti-Der p 1 and Der f 1 antibodies.

Product Form

Size: 500 µg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.