

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

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: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

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.