

Anti-Der p 7 [WH9] Bulk Size Ab00702-1.1-BT

Recombinant monoclonal antibody to Der p 7. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma WH9.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: WH9

Alternative Name(s) of Target: Mite allergen Der p 7; Allergen Der p VII; Major mite fecal allergen Der p 1; Dermatophagoides farinae allergen 1; Dermatophagoides pteronyssinus allergen 1

UniProt Accession Number of Target Protein: P49273

Published Application(s): Block, ELISA

Published Species Reactivity: House Dust Mite

Immunogen: Recombinant Der p 7.

Specificity: This antibody binds to the house dust mite allergen Der p 7 and competes with a subset of naturally occurring IgE.

Application Notes: The antibody binds specifically to Der p 7, a house dust mite allergen which plays an important role in inflammatory and hypersensitive reactions. The antibody WH9 binds to an epitope which is overlapping with that of IgE, thereby inhibiting its binding by up to 60%. By preventing mast cell degranulation, the antibody can be useful in the development of hypoallergenic vaccines.

Antibody First Published in: Shen et al. Characterization of the house dust mite allergen Der p 7 by monoclonal antibodies. Clin Exp Allergy. 1995 May;25(5):416-22. [PMID:7553244](#)

Note on publication: Describes the role of the house dust mite allergen Der p 7 in allergy, and the generation of monoclonal antibodies that target Der p 7.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.