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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Der p 2.0103 [7A1] Standard Size Ab03451-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 7A1

Alternative Name(s) of Target: DERP2; Mite group 2 allergen Der p 2; Allergen Der p II; House dust mite; DPX; Der p 2

UniProt Accession Number of Target Protein: P49278

Published Application(s): crystallography, inhibition, ELISA

Published Species Reactivity: Dermatophagoides pteronyssinus (European house dust mite)

Immunogen: The original antibody was isolated from a combinatorial phage display library generated from a mite allergic patient.

Specificity: This antibody binds to an epitope on the Der p 2 which overlaps with the human IgE binding sites. The antibody recognized the six variants: Der p 2.0101, Der p 2.0102, Der p 2.0103, Der f 2.0101, Der f 2.0102, and Der f 2.0103.

Application Notes: The crystal structure of Der p 2.0103-7A1Fab was determined. The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody was able to inhibit Der p 2.0103 (Glesner et al., 2019; PMID: 31554696).

Antibody First Published in: Ovsyannikova et al. Monoclonal antibodies to group II Dermatophagoides spp. allergens: murine immune response, epitope analysis, and development of a two-site ELISA J Allergy Clin Immunol. 1994 Sep;94(3 Pt 1):537-46. [PMID:7521892](#)

Note on publication: The original paper describes the generation of the original antibody.

Product Form

Size: 200 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.