



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-Der p 2.0103 [7A1] Standard Size Ab03451-23.0

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

**Isotype and Format:** Rabbit IgG, 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.