

Anti-Phl p 5 [4.2] Standard Size Ab00645-13.12

This full-length, reformatted human antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG4-S228P, Lambda

Clone Number: 4.2

Alternative Name(s) of Target: Grass Pollen Allergen

UniProt Accession Number of Target Protein: Q9AT26

Published Application(s): ELISA

Published Species Reactivity: Timothy-Grass (*Phleum pratense*)

Immunogen: Phl p 5, a 29 kDa major allergen from timothy grass pollen.

Specificity: This antibody binds to Phl p5.

Application Notes: This antibody binds to the grass pollen allergen Phl p 5 , one of the most reactive members of group 5 allergens.

Antibody First Published in: Andréasson et al. The Human IgE-encoding Transcriptome to Assess Antibody Repertoires and Repertoire Evolution J. Mol. Biol. 362 (2), 212-227 (2006) [PMID:6905150](#)

Note on publication: Describes isolation of B-cells from patients, preparation of cDNA libraries as well as generation and characterization of anti-Phl p 5 scFv 4.2 .

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.