

Anti-Phl p 4 [p4-5] Standard Size Ab02734-14.0

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 IgE, Lambda

Clone Number: p4-5

Alternative Name(s) of Target: PHLPIV; Pollen allergen Phl p 4; Allergen Phl p IV; Phleum pratense; common timothy; grass species

UniProt Accession Number of Target Protein: Q5ZQK4

Published Application(s): ELISA

Published Species Reactivity: Phleum pratense (common timothy)

Immunogen: The original antibody was generated using phage display technology by panning a combinatorial IgE library, derived from a donor who had previously been tested positive in skin prick testing to timothy extract, against timothy allergens.

Specificity: This antibody binds common timothy allergen Phl p 4.

Application Notes: The binding specificity of this antibody towards common timothy allergen phl p 4 was confirmed with ELISA (PMID: 17825890).

Antibody First Published in: Persson et al. Delineating the specificity of an IgE-encoding transcriptome. J Allergy Clin Immunol. 2007 Nov;120(5):1186-92. [PMID:17825890](#)

Note on publication: Describes the generation of this antibody from a combinatorial IgE library derived from a donor and determines the clonal similarities between the antibodies generated.

Product Form

Size: 50 µg Purified antibody.

Purification: Affinity Purified using a recombinant lectin column

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.