

## Anti-Phl p 5 [4.2] Bulk Size Ab00645-10.6-BT

This is a Fab fragment with a his-tag.

This 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 Fab fragment, His-Tagged, 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:** 1 mg Purified antibody in bulk size.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.