

Anti-Phl p 1 [Clone 25] Standard Size Ab00654-14.0

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, Kappa

Clone Number: Clone 25

Alternative Name(s) of Target: Grass Pollen Allergen

UniProt Accession Number of Target Protein: P43213

Published Application(s): dotblot, WB, ELISA

Published Species Reactivity: Timothy-Grass (Phleum pratense)

Immunogen: Recombinant Phl p 1, a grass pollen allergen.

Specificity: This antibody binds to the Timothy grass allergen Phl p 1 and shows cross reactivity with natural group 1 allergens from a variety of grass species such as oat, sweet vernal grass, Bermuda grass, rye grass, common reed, Kentucky blue grass, rye, wheat and maize (weak).

Application Notes: This antibody binds to Phl p 1 and competes with up to 43.4% (mean 19.8%) of IgE from allergic patient serum.

Antibody First Published in: Flicker et al. Spatial clustering of the IgE epitopes on the major timothy grass pollen allergen Phl p 1: Importance for allergenic activity J Allergy Clin Immunol. 2006 Jun;117(6):1336-43. [PMID:16750995](#)

Note on publication: Describes the generation and characterization of this antibody.

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.