

## Anti-Phl p 1 [Clone 10] Standard Size Ab00656-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG4 format, for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** Clone 10

**Alternative Name(s) of Target:** Grass Pollen Allergen

**UniProt Accession Number of Target Protein:** P43213

**Published Application(s):** WB

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

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

**Specificity:** This antibody binds to the C-terminal domain of Timothy grass allergen Phl p 1 (AA221-240) 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.

**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:** 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.