

Phl p 1 Recombinant Antibody | PHLPI recombinant antibody

Anti-Phl p 1 [Clone 25]

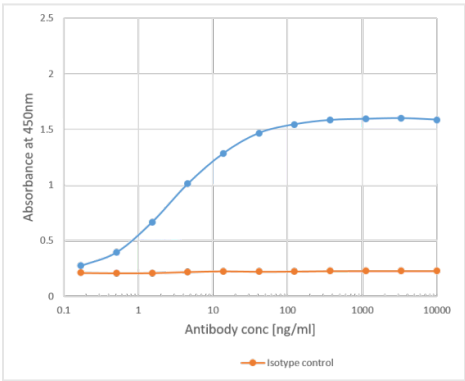
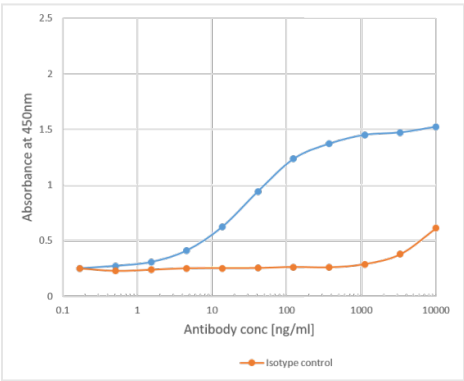
CATALOG # AAA72039	REACTIVITY Timothy-Grass	APPLICATIONS ELISA, Dot Blot, Western Blot
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PRODUCT SYNONYMS

Phl p 1; Monoclonal Recombinant Antibody; Anti-Phl p 1 [Clone 25]; Grass Pollen Allergen; PHLPI recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Timothy-Grass
Clonality	Monoclonal
Isotype	Rabbit IgG kappa
Clone Number	Clone 25
Specificity	This antibody binds to the Timothy grass allergen Phl p 1 and shows cotss 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).
Purity/Purification	Protein A Affinity Purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Sequence Length	263
Applicable Applications for PHLPI recombinant antibody	ELISA, DB (Dot Blot), WB (Western Blot)
Antibody Type	Recombinant Antibody
Antibody Species	Rabbit
Original Species Name	Human
Immunogen	Recombinant Phl p 1, a grass pollen allergen.
Chimeric Use Statement	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.
Clone Note	This antibody bidns to Phl p 1 and competes with up to 43.4% (mean 19.8%) of IgE from allergic patient serum.
Buffer Composition	PBS only with 0.02% Proclin 300.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



Application Data
Binding curve of anti-Phl p 1 antibody Clone 25 to Phl p 1 ELISA Plate coated with Phl p 1 (RayBiotech, 228-22412) at a concentration of 2 ug/ml. A 3-fold serial dilution from 10,000 to 0.1 ng/ml was performed using AAA72039. For detection, a 1:4000 dilution of HRP-labelled goat anti-human kappa antibody (Bio-Rad) was used.

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ADDITIONAL INFORMATION

Related Product Information for PHLPI recombinant antibody	Recombinant monoclonal antibody to Phl p 1. Manufactured using the recombinant platform with variable regions (i.e. specificity) from the phage display antibody Clone 25.
Product Categories/Family for PHLPI recombinant antibody	Allergy
References	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 Original Published Journal: J Allergy Clin Immunol. 2006 Jun;117(6):1336-43. Original Published Journal: J Allergy Clin Immunol. 2006 Jun;117(6):1336-43. Publication Note: Describes the generation and characterization of this antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1171008
UniProt Accession #	P43213
NCBI Official Full Name	Pollen allergen Phl p 1
UniProt Protein Name	Pollen allergen Phl p 1
UniProt Gene Name	PHLPI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/phl-p-1-recombinant-antibody-clone-clone-25-dot-blot-western-blot-elisa/72039>