

# Product Datasheet

## **Pollen allergen Phl p 1 Antibody (Clone 25) - Chimeric - Azide and BSA Free NBP2-81276-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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Updated 9/9/2025 v.20.1

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**NBP2-81276-0.2mg**

Pollen allergen Phl p 1 Antibody (Clone 25) - Chimeric - Azide and BSA Free

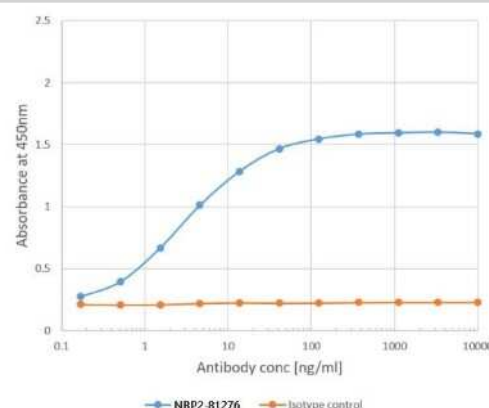
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	Clone 25
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit Pollen allergen Phl p 1 Antibody (Clone 25) - Chimeric - Azide and BSA Free (NBP2-81276) is a recombinant monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Plant
Reactivity Notes	Expected to react with Timothy-Grass (Phleum pratense).
Specificity/Sensitivity	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).
Immunogen	Recombinant Phl p 1, a grass pollen allergen.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA
Recommended Dilutions	Western Blot, ELISA, Dot Blot
Application Notes	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. This antibody binds to Phl p 1 and competes with up to 43.4% (mean 19.8%) of IgE from allergic patient serum.

**Images**

ELISA: Pollen allergen Phl p 1 Antibody (Clone 25) - Chimeric [NBP2-81276] - Binding curve of [NBP2-81276] to Phl p 1 ELISA Plate coated with Phl p 1 at a concentration of 2 ug/ml. A 3-fold serial dilution from 10,000 to 0.1 ng/ml was performed using NBP2-81276. For detection, a 1:4000 dilution of HRP-labelled goat anti-rabbit antibody was used.





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### **Products Related to NBP2-81276-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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