

# Product Datasheet

## Pax6 Antibody (CL5414) - Azide and BSA Free NBP3-44080

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP3-44080**

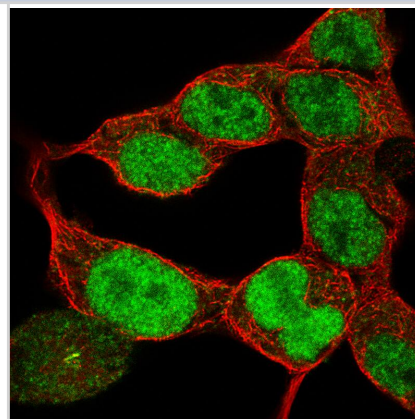
Pax6 Antibody (CL5414) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL5414
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose
Product Description	
Description	Novus Biologicals Mouse Pax6 Antibody (CL5414) - Azide and BSA Free (NBP2-61411) is a monoclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5080
Gene Symbol	PAX6
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of P26367, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF Fixation Permeabilization: PFA/Triton X-100

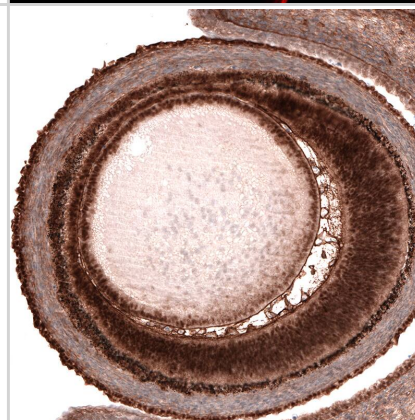


## Images

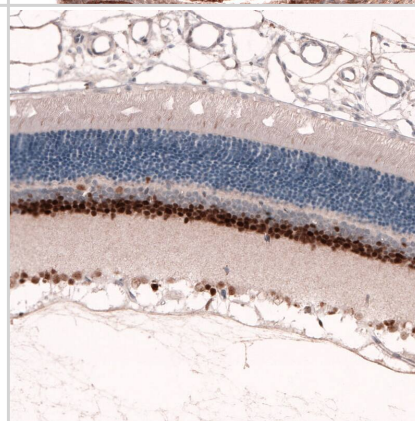
Staining of HEK 293 cells using the Anti-Pax6 monoclonal antibody) .



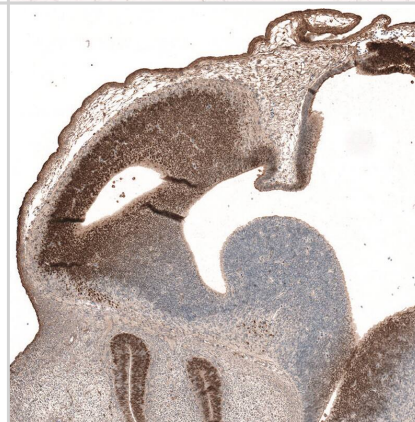
Staining of mouse embryo E14 shows strong nuclear positivity in the developing eye.



Staining of rat eye retina shows strong nuclear positivity in the inner nuclear layer and ganglion cell layer.



Staining of mouse embryo E11 shows strong nuclear positivity in the developing brain and sensory organs.





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### **Products Related to NBP3-44080**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005080-P01-10ug	Recombinant Human Pax6 GST (N-Term) Protein

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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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