

# Product Datasheet

## Pax6 Antibody (PAX6/1166)

### NBP2-44576-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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**NBP2-44576-0.1mg**

Pax6 Antibody (PAX6/1166)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	PAX6/1166
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	47 kDa

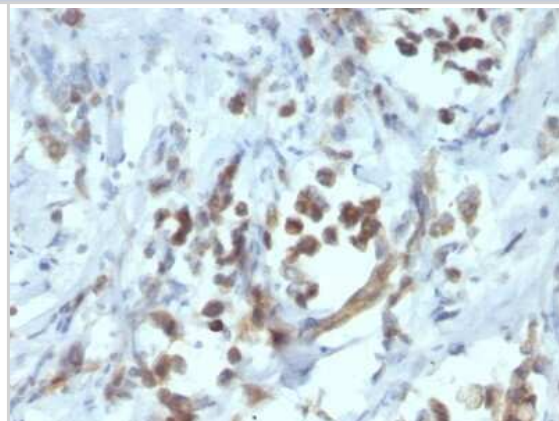
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47915)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	5080
Gene Symbol	PAX6
Species	Human
Marker	Stem Cell Marker
Immunogen	Recombinant fragment (N-terminus; aa 1-300) of human Pax6 protein (Uniprot: P26367)

Product Application Details	
Applications	Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml, Flow (Intracellular), Knockout Validated
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris Buffer with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



## Images

Immunohistochemistry-Paraffin: Pax6 Antibody (PAX6/1166) [NBP2-44576] - Human Gastric Carcinoma stained with PAX6 Monoclonal Antibody (PAX6/1166).



Knockout Validated: Pax6 Antibody (PAX6/1166) [NBP2-44576] - Parental and MSN KO cells were labeled with a green or a far-red dye, respectively. Parental and KO cells were mixed and plated to a 1:1 ratio on coverslips. Cells were stained with anti-Moesin (NBP2-44576) antibodies and with the corresponding Alexa-fluor 555 coupled secondary antibody. Acquisition of the green (WT), red (antibody staining), and far-red (KO) channels was performed. Representative grayscale images of the red channel are shown, and WT and KO cells are outlined with a yellow and magenta dashed line, respectively. A schematic representation of the mosaic strategy used is shown on the right panel. Antibody dilution used: NBP2-44579 at 1/200. Bar = 10 um. Images and testing courtesy of YCharOS Inc. (ycharos.com).





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### **Products Related to NBP2-44576-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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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