

# Product Datasheet

## ADAM10 Antibody (CL13814) - Azide and BSA Free NBP3-43826

Unit Size: 100 ug

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

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**NBP3-43826**

ADAM10 Antibody (CL13814) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL13814
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

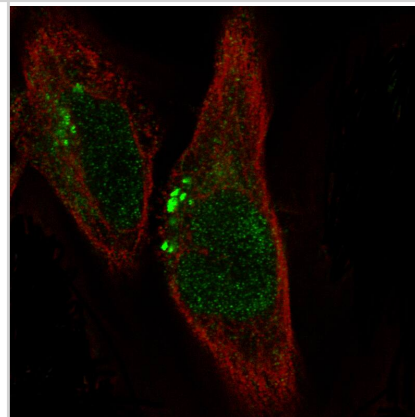
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse ADAM10 Antibody (CL13814) - Azide and BSA Free (NBP3-24579) is a monoclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	102
<b>Gene Symbol</b>	ADAM10
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was generated using a synthetic peptide of O14672, with the exact immunogen sequence remaining proprietary.

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments, For Immunocytochemistry/ Immunofluorescence/IF, we recommend using a combination of PFA and Triton X-100. This will give you the optimal results for your experiments.

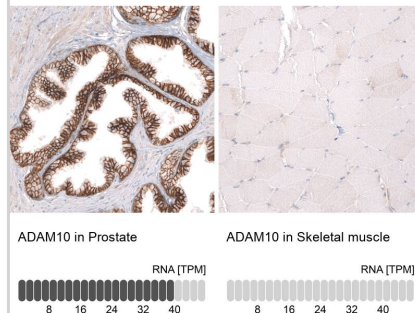


## Images

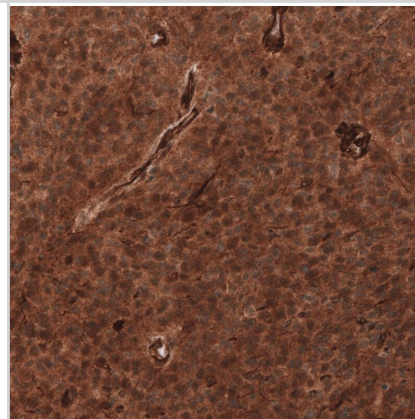
Staining in RH-30 cell line with Anti-ADAM10 monoclonal antibody).



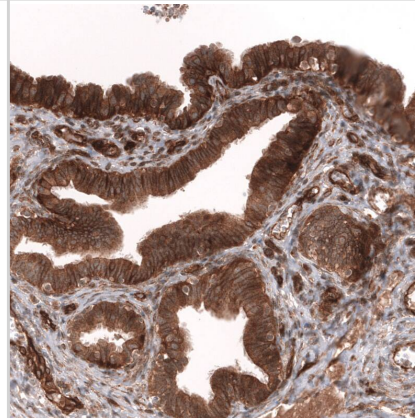
Analysis in human prostate and skeletal muscle tissues using NBP3-43826 antibody. Corresponding ADAM10 RNA-seq data are presented for the same tissues.



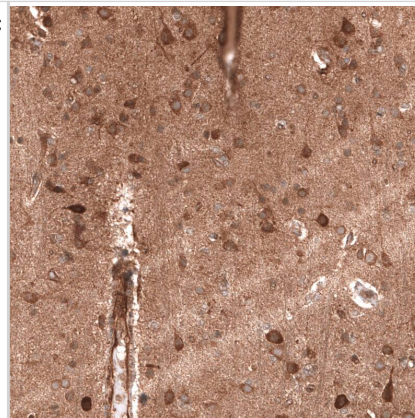
Staining of human anaplastic oligodendroglioma shows strong cytoplasmic positivity in tumor cells.



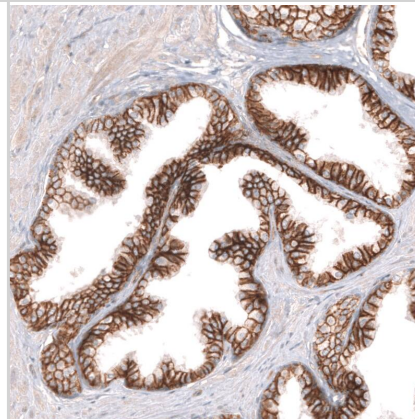
Staining of human fallopian tube shows strong cytoplasmic and membranous positivity in glandular cells.



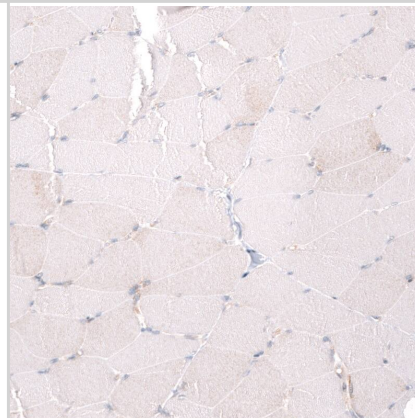
Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



Staining of human prostate shows strong membranous positivity in glandular cells.



Staining of human skeletal muscle shows no positivity in myocytes as expected.





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### **Products Related to NBP3-43826**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-76973PEP	ADAM10 Antibody Blocking Peptide

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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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