

Product Datasheet

Isocitrate Dehydrogenase 1/IDH1 Antibody (CL0219) - Azide and BSA Free NBP3-43836

Unit Size: 100 ug

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

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NBP3-43836**Isocitrate Dehydrogenase 1/IDH1 Antibody (CL0219) - 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	CL0219
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	IgG2a
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

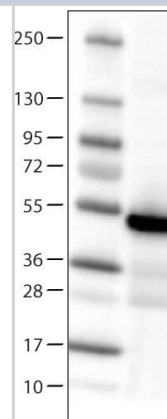
Product Description	
Description	Novus Biologicals Mouse Isocitrate Dehydrogenase 1/IDH1 Antibody (CL0219) - Azide and BSA Free (NBP2-52882) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3417
Gene Symbol	IDH1
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of O75874, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence/IF Fixation/Permeabilization: PFA/Triton X-100.

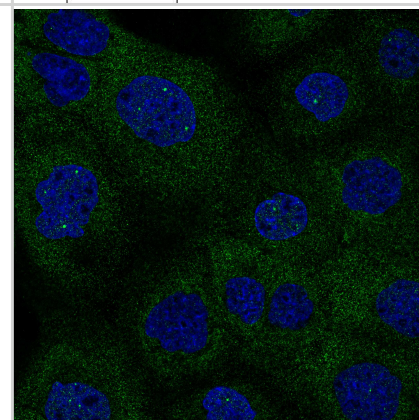


Images

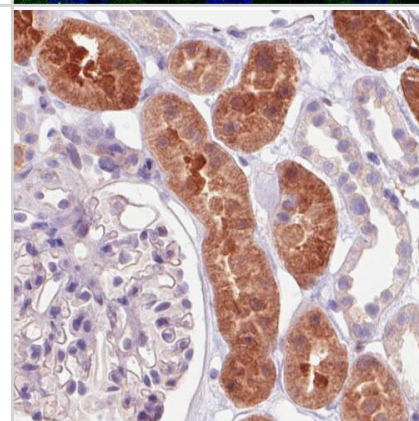
Lane 1: Marker [kDa]
Lane 2: Human cell line RT-4



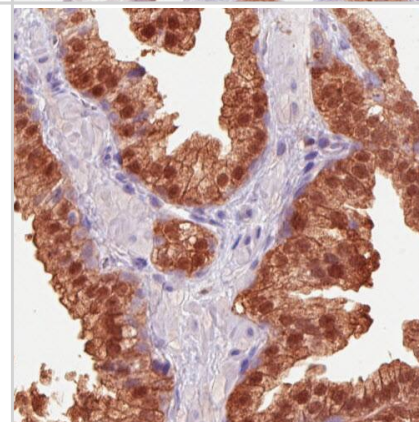
Staining of A-431 cells using the anti-Isocitrate Dehydrogenase 1/IDH1 monoclonal antibody).



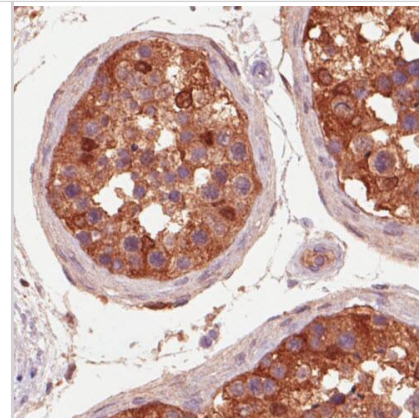
Staining of human kidney shows strong positivity in a subset of renal tubules.



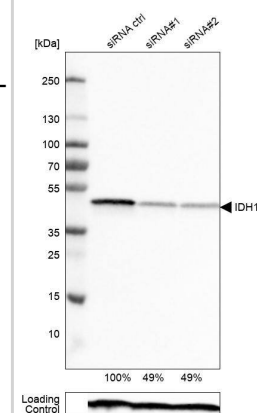
Staining of human prostate shows strong positivity in glandular epithelium.



Staining of human testis shows strong immunoreactivity in seminiferous tubules.



Analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-Isocitrate Dehydrogenase 1/IDH1 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.





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Products Related to NBP3-43836

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-87428PEP	Isocitrate Dehydrogenase 1/IDH1 Recombinant Protein Antigen

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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