

Product Datasheet

Isocitrate Dehydrogenase 1/IDH1 Antibody (IDH1.R132H/7328R) - Azide and BSA Free NBP3-20989

Unit Size: 100 ug

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-20989

Isocitrate Dehydrogenase 1/IDH1 Antibody (IDH1.R132H/7328R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	IDH1.R132H/7328R
Preservative	No Preservative
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	1mM PBS

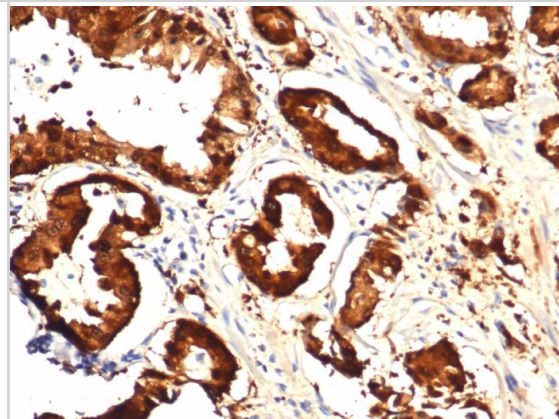
Product Description	
Description	<p>Positive Controls: HepG2, HeLa, HT29 or MCF7 cells. Human breast, colon or prostate carcinoma.</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.</p>
Host	Rabbit
Gene ID	3417
Gene Symbol	IDH1
Species	Human
Specificity/Sensitivity	Isocitrate Dehydrogenase 1/IDH1 R132H antibody binds to Isocitrate Dehydrogenase 1/IDH1-mutated protein, but does not bind the wild-type Isocitrate Dehydrogenase 1/IDH1 protein Isocitrate Dehydrogenase 1/IDH1 R132H antibody shows strong cytoplasmic staining and weaker nuclear staining in tumor cells with the R132H-mutated peptide Diffuse staining of the fibrillary tumor matrix is also seen
Immunogen	Recombinant fragment (around aa 1-200) of human Isocitrate Dehydrogenase 1/IDH1 (exact sequence is proprietary)

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

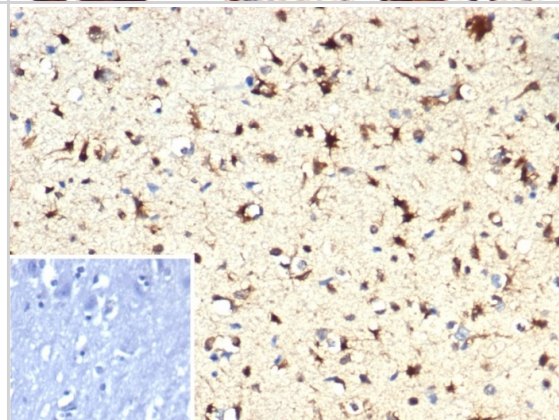


Images

FFPE human prostate with IDH1-R132H mutation stained with Isocitrate Dehydrogenase 1/IDH1 antibody (IDH1.R132H/7328R).R132H/7328R).
HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



FFPE human brain with IDH1-R132H mutation stained with Isocitrate Dehydrogenase 1/IDH1 antibody (IDH1.R132H/7328R).R132H/7328R).
Inset: PBS instead of primary antibody; secondary only negative control.





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-52882PEP	Isocitrate Dehydrogenase 1/IDH1 Recombinant Protein Antigen
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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