

# Product Datasheet

## IDH3A Antibody (OTI2F11)

### NBP2-02158

Unit Size: 0.1 ml

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

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**NBP2-02158**

IDH3A Antibody (OTI2F11)

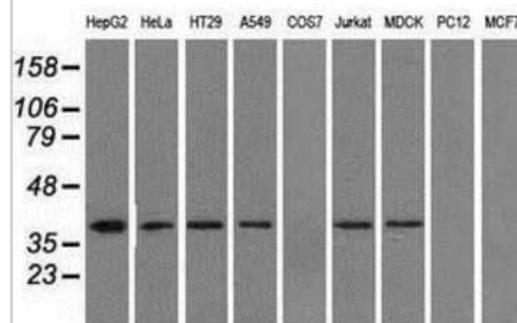
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2F11
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	39.6 kDa

Product Description	
Host	Mouse
Gene ID	3419
Gene Symbol	IDH3A
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human IDH3A (NP_005521) produced in HEK293T cell.

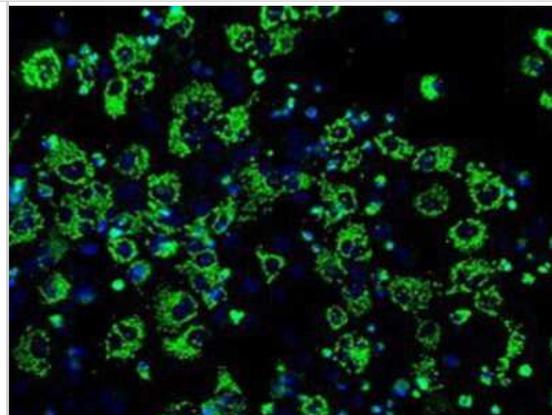
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

**Images**

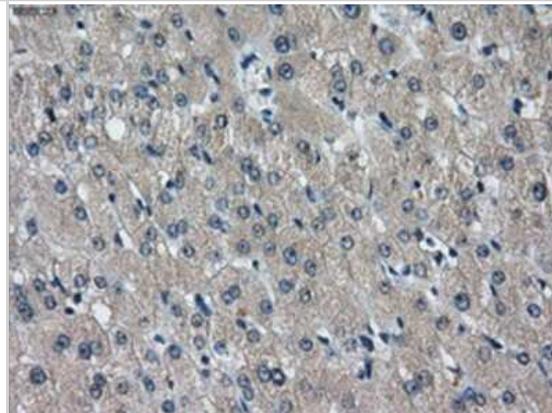
Western Blot: IDH3A Antibody (2F11) [NBP2-02158] Analysis of extracts (35ug) from 9 different cell lines by using anti-IDH3A monoclonal antibody.



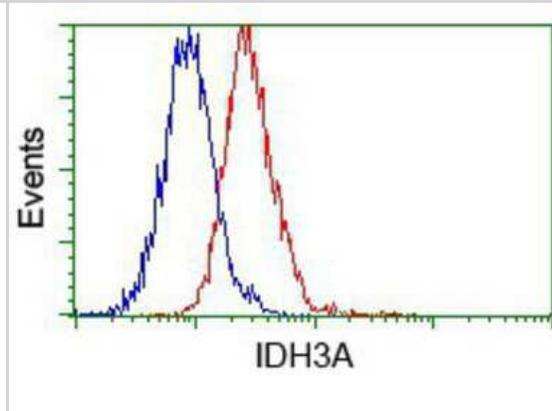
Immunocytochemistry/Immunofluorescence: IDH3A Antibody (2F11) [NBP2-02158] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY IDH3A.



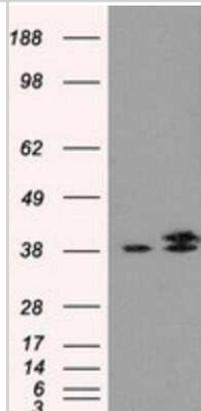
Immunohistochemistry-Paraffin: IDH3A Antibody (2F11) [NBP2-02158] - Staining of paraffin-embedded liver tissue using anti-IDH3A mouse monoclonal antibody.



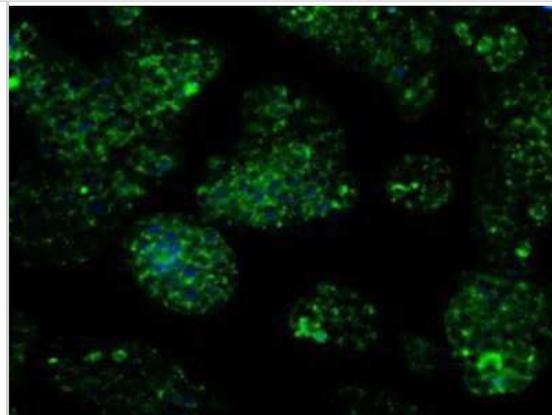
Flow Cytometry: IDH3A Antibody (2F11) [NBP2-02158] - Analysis of Jurkat cells, using anti-IDH3A antibody, (Red) compared to a nonspecific negative control antibody (Blue).



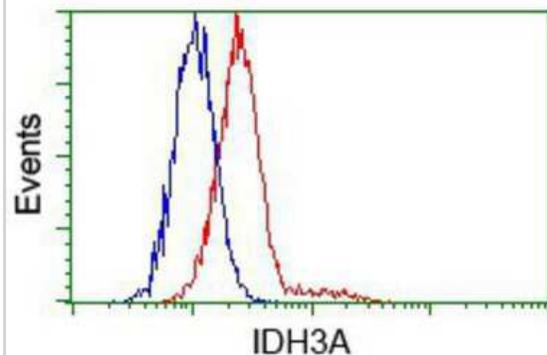
Western Blot: IDH3A Antibody (2F11) [NBP2-02158] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IDH3A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IDH3A.



Immunocytochemistry/Immunofluorescence: IDH3A Antibody (2F11) [NBP2-02158] - Immunofluorescent staining of HepG2 cells using anti-IDH3A mouse monoclonal antibody.



Flow Cytometry: IDH3A Antibody (2F11) [NBP2-02158] - Analysis of HeLa cells, using anti-IDH3A antibody, (Red) compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-02158**

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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)
H00003419-P01-10ug	Recombinant Human IDH3A 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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