

# Product Datasheet

## alpha-Fetoprotein/AFP Antibody (OTI2A9) NBP2-03084

Unit Size: 0.1 ml

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

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**NBP2-03084**

alpha-Fetoprotein/AFP Antibody (OT12A9)

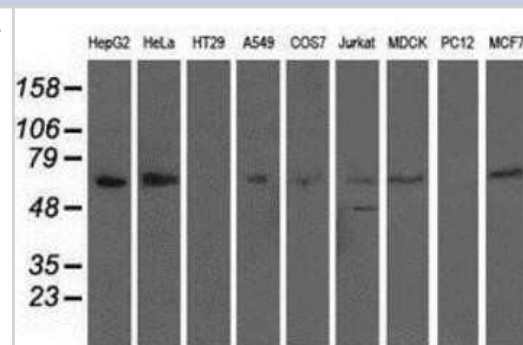
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT12A9
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	66.3 kDa

Product Description	
Host	Mouse
Gene ID	174
Gene Symbol	AFP
Species	Human, Canine, Primate, Monkey
Immunogen	Full length human recombinant protein of human AFP (NP_001125) produced in HEK293T cell.

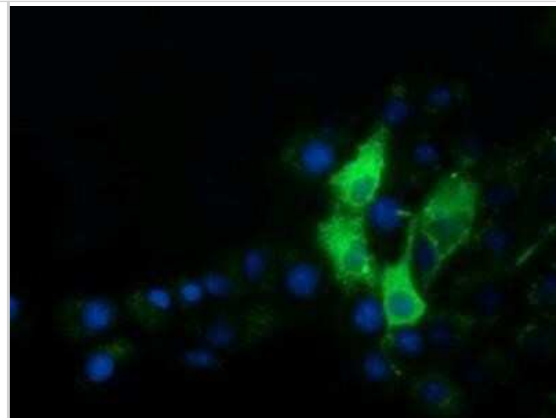
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-500, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

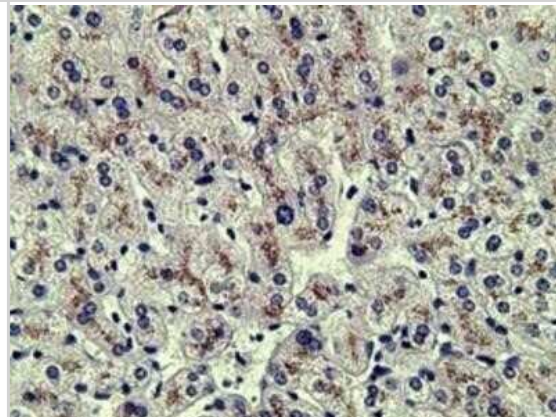
Western Blot: alpha-Fetoprotein/AFP Antibody (OT12A9) [NBP2-03084] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Alpha 1 Fetoprotein monoclonal antibody.



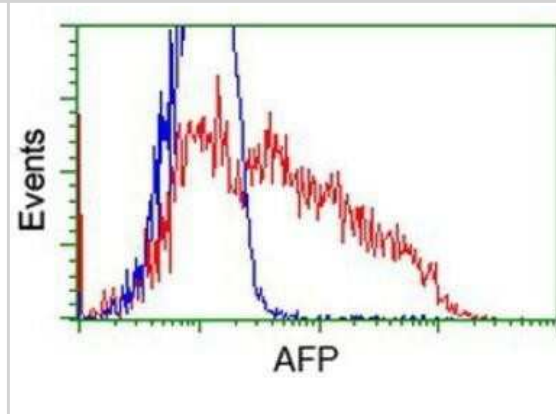
Immunocytochemistry/Immunofluorescence: alpha-Fetoprotein/AFP Antibody (OT12A9) [NBP2-03084] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Alpha 1 Fetoprotein.



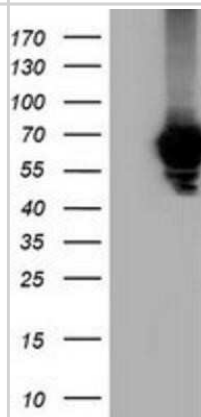
Immunohistochemistry-Paraffin: alpha-Fetoprotein/AFP Antibody (OT12A9) [NBP2-03084] - Staining of paraffin-embedded Human liver tissue using anti-Alpha 1 Fetoprotein mouse monoclonal antibody.



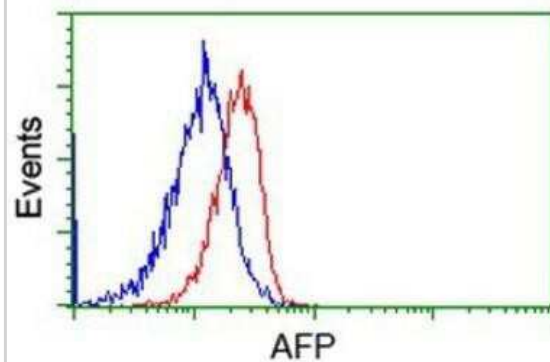
Flow Cytometry: alpha-Fetoprotein/AFP Antibody (OT12A9) [NBP2-03084] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Alpha 1 Fetoprotein antibody, and then analyzed by flow cytometry.



Western Blot: alpha-Fetoprotein/AFP Antibody (OT12A9) [NBP2-03084] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Alpha 1 Fetoprotein (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-Alpha 1 Fetoprotein.



Flow Cytometry: alpha-Fetoprotein/AFP Antibody (OTI2A9) [NBP2-03084] - Analysis of Jurkat cells, using anti-Alpha 1 Fetoprotein antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-03084**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-52171-0.05mg	Recombinant Human alpha-Fetoprotein/AFP His 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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