

# Product Datasheet

## **Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free NBP2-70569**

Unit Size: 100 ug

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

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**NBP2-70569**

Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free

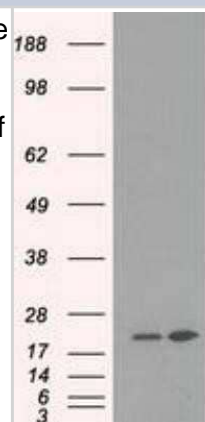
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI6G7
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	21.5 kDa

Product Description	
Host	Mouse
Gene ID	1719
Gene Symbol	DHFR
Species	Human, Mouse, Rat, Canine, Monkey
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 protein expressed in 293T cell transfected with human DHFR expression vector

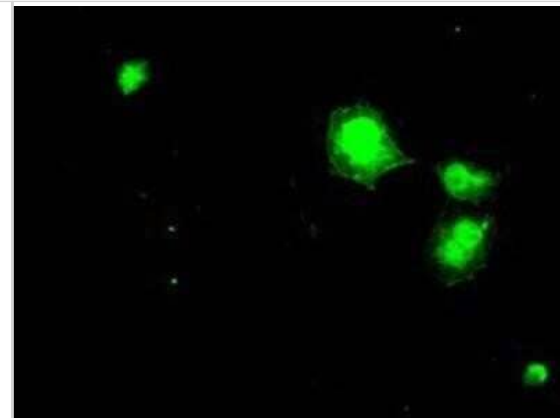
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100

**Images**

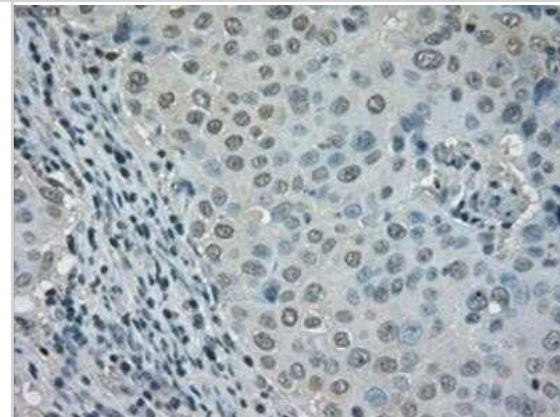
Western Blot: Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free [NBP2-70569] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Dihydrofolate reductase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with ant



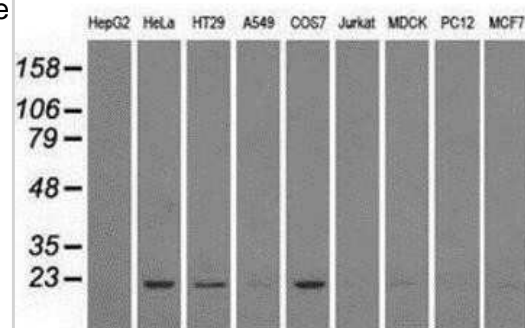
Immunocytochemistry/Immunofluorescence: Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free [NBP2-70569] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Dihydrofolate reductase.



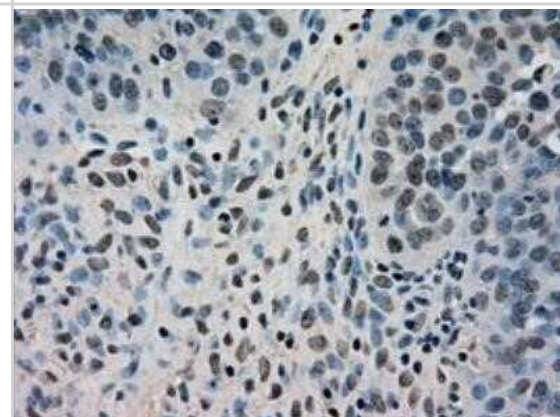
Immunohistochemistry: Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free [NBP2-70569] - Staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-Dihydrofolate reductase mouse monoclonal antibody.



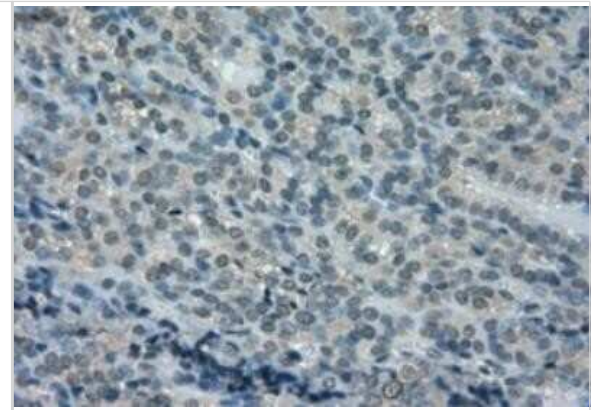
Western Blot: Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free [NBP2-70569] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Dihydrofolate reductase monoclonal antibody.



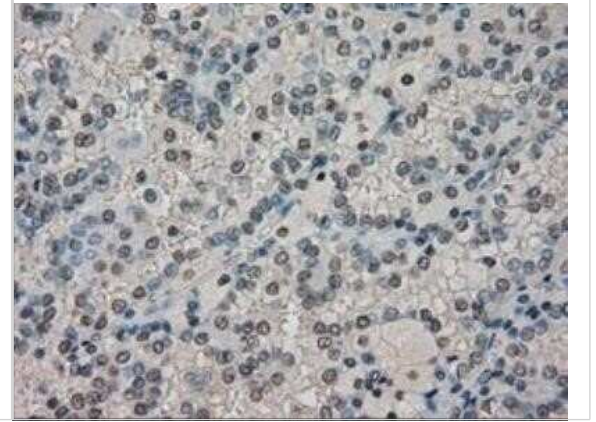
Immunohistochemistry: Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free [NBP2-70569] - Paraffin-embedded Adenocarcinoma of ovary tissue using anti-DHFR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, Dilution 1:50)



Immunohistochemistry: Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free [NBP2-70569] - Paraffin-embedded Carcinoma of thyroid tissue using anti-DHFR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, Dilution 1:50)



Immunohistochemistry: Dihydrofolate Reductase/DHFR Antibody (OTI6G7) - Azide and BSA Free [NBP2-70569] - Staining of paraffin-embedded Carcinoma of kidney tissue using anti-Dihydrofolate reductase mouse monoclonal antibody.





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### **Products Related to NBP2-70569**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
8456-DR-100	Dihydrofolate Reductase/DHFR [Unconjugated]

### **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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