

Product Datasheet

MCM7 Antibody (rMCM7/1468)

NBP3-07277-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07277-100ug

MCM7 Antibody (rMCM7/1468)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	rMCM7/1468
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	88 kDa

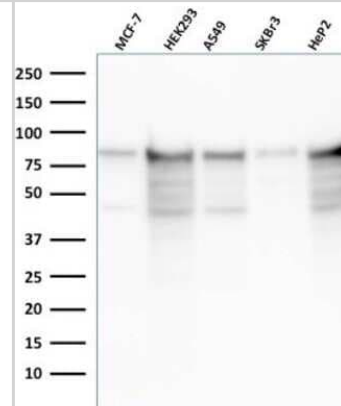
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08389) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	4176
Gene Symbol	MCM7
Species	Human, Canine
Marker	Proliferation Marker
Specificity/Sensitivity	The specificity of this monoclonal antibody to its intended target was validated by HuProt™ Array, containing more than 19,000, full-length human proteins. MCM7 is one of the highly conserved mini-chromosome maintenance proteins (MCM) that is essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication complex and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. The MCM complex consisting of this protein and MCM2, 4 and 6 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. Cyclin D1-dependent kinase, CDK4, is found to associate with this protein, and may regulate the binding of this protein with the tumor suppressor protein RB1/RB.
Immunogen	Recombinant human MCM7 protein fragment (aa195-319) (exact sequence is proprietary) (Uniprot: P33993)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	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. Optimal dilution for a specific application should be determined.

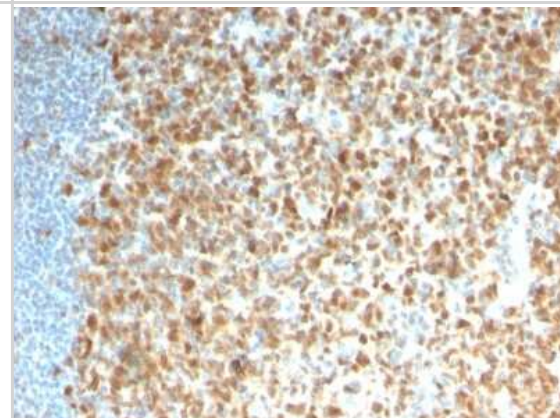


Images

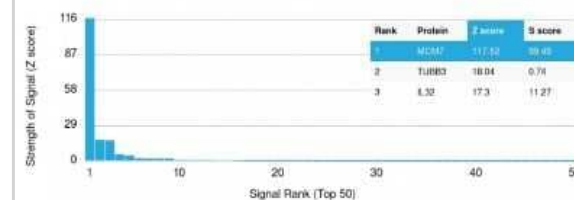
Western Blot: MCM7 Antibody (rMCM7/1468) [NBP3-07277] - Western Blot Analysis of MCF-7, HEK-293, A549, SKBr3, HeP2 cell lysates using MCM7 Recombinant Mouse Monoclonal Antibody (rMCM7/1468).



Immunohistochemistry-Paraffin: MCM7 Antibody (rMCM7/1468) [NBP3-07277] - Formalin-fixed, paraffin-embedded human Tonsil stained with MCM7 Recombinant Mouse Monoclonal Antibody (rMCM7/1468).



Protein Array: MCM7 Antibody (rMCM7/1468) [NBP3-07277] - Analysis of Protein Array containing more than 19,000 full-length human proteins using MCM7 Recombinant Mouse Monoclonal Antibody (rMCM7/1468).





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Products Related to NBP3-07277-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-51540-0.1mg	Recombinant Human MCM7 His Protein

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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