

# Product Datasheet

## **EWSR1 Antibody (5H7) - BSA Free NBP1-92686**

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-92686**

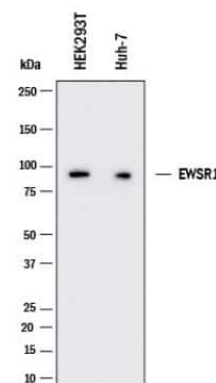
EWSR1 Antibody (5H7) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5H7
Preservative	0.035% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	80 kDa
Product Description	
Host	Mouse
Gene ID	2130
Gene Symbol	EWSR1
Species	Human, Mouse, Rat, Canine, Equine
Immunogen	Full length recombinant human EWSR1 expressed in and purified from E. coli. [UniProt# Q01844]
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000
Application Notes	This EWSR1 (5H7) antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry, and Western blot, where a band can be seen at approximately 80 kDa.

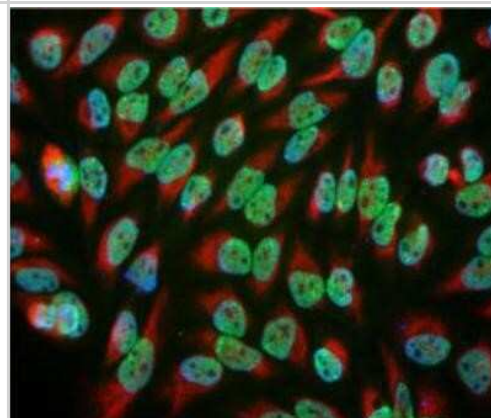


## Images

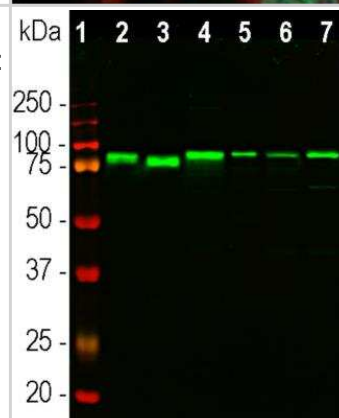
Western Blot: EWSR1 Antibody (5H7) [NBP1-92686] - Image shows a specific band for EWSR1 (observed molecular weight ~95 kDa) in HEK293T and huh-7 lysate.



Immunocytochemistry/Immunofluorescence: EWSR1 Antibody (5H7) [NBP1-92686] - HeLa cell cultures stained with antibody NBP1-92686 (green) and chicken antibody to vimentin (NB300-223, red). Blue is a DNA stain, and it is clear that in these cells EWSR1 is localized along with the DNA in the nucleus.



Western Blot: EWSR1 Antibody (5H7) [NBP1-92686] - Analysis of different cell line lysates using EWSR1 antibody, dilution 1:1000 (Green): [1] protein standard (Red), [2] HeLa, [3] HEK293, [4] mouse NIH-3T3, [5] rat PC12, [6] equine NBL6 and [7] canine A72 cells. The strong band at ~80kDa corresponds to the EWS protein seen in all species tested.



## Publications

Yasuhara T, Xing Y, Bauer N et al. Condensates induced by transcription inhibition localize active chromatin to nucleoli Molecular Cell 2022-06-01 [PMID: 35662392]

Moghimi S, Viktorova EG, Gabaglio S et al. A Proximity biotinylation assay with a host protein bait reveals multiple factors modulating enterovirus replication PLOS Pathogens 2022-10-28 [PMID: 36306280]

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

### Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).



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### **Products Related to NBP1-92686**

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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)
NBP1-92686F	EWSR1 Antibody (5H7) [FITC]

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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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