

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	5mM Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	80 kDa

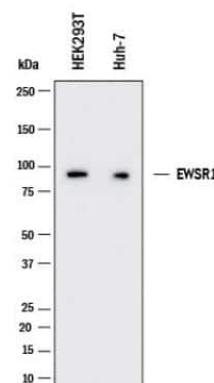
Product Description	
Description	Novus Biologicals Mouse EWSR1 Antibody (5H7) - BSA Free (NBP1-92686) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EWSR1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	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.

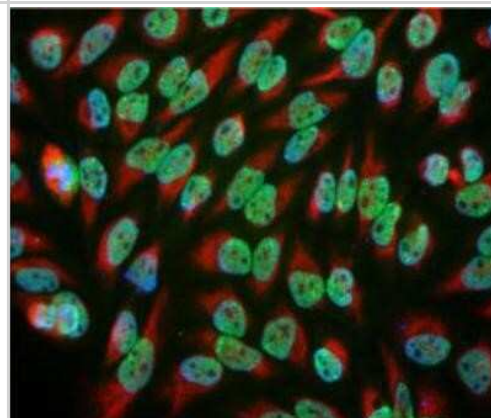


Images

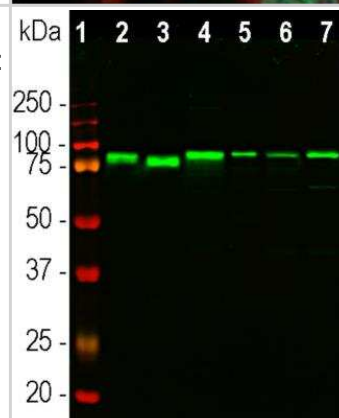
Western Blot: EWSR1 Antibody (5H7) [NBP1-92686] - Image shows a specific band for EWSR1 (observed molecular weight ~95 kDa) in HEK293T and huh-7 lysate.



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] (Human)

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] (Human)

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

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]

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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