Product Datasheet

EWSR1 Antibody (5H7) - BSA Free
NBP1-92686SS

Unit Size: 0.025 ml

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

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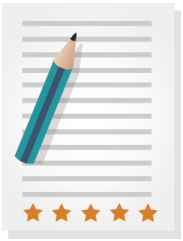
Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-92686

Updated 9/9/2025 v.20.1



NBP1-92686SS

EWSR1 Antibody (5H7) - BSA Free

Product Information

Unit Size	0.025 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

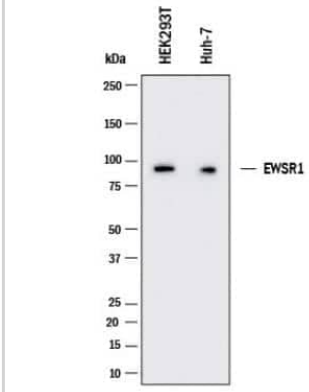
Description	Novus Biologicals Mouse EWSR1 Antibody (5H7) - BSA Free (NBP1-92686) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EWSR1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2130
Gene Symbol	EWSR1
Species	Human, Mouse, Rat, Canine, Equine
Immunogen	Full length recombinant human EWSR1 expressed in and purified from E. coli. [UniProt# Q01844]

Product Application Details

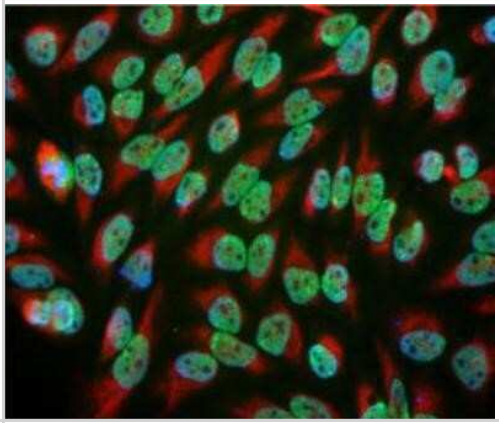
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000
Application Notes	This EWSR1 (5H7) antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry, and Western blot, where a band can be seen at approximately 80 kDa.

Images

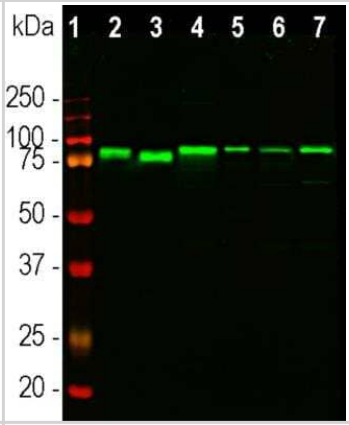
Western Blot: EWSR1 Antibody (5H7) [NBP1-92686] - Image shows a specific band for EWSR1 (observed molecular weight ~95 kDa) in HEK293T and huh-7 lysate.



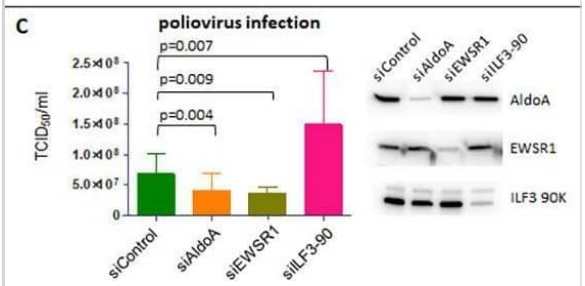
Immunocytochemistry/Immunofluorescence: EWSR1 Antibody (5H7) [NBP1-92686] - HeLa cell cultures stained with antibody NBP1-92686 (green) and chicken antibody to vimentin (NB300-223, red). Blue is a DNA stain, and it is clear that in these cells EWSR1 is localized along with the DNA in the nucleus.



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.



Effects of siRNA-mediated knockdown of expression of AldoA, EWSR1 and ILF3-90 on enterovirus replication.A, B. HeLa cells were transfected with siRNAs specific to AldoA, EWSR1 and 90KDa isoform of ILF3, or non-targeting control siRNA, and polio or Coxsakie B3 replicon replication assays were performed 72 h post siRNA transfection. The total replication signal was calculated as the area under the corresponding kinetics curves. Cell viability signal is proportional to the level of ATP in cells. Western blots show the efficacy of siRNA-mediated knockdown of the targeted proteins. C. HeLa cells were transfected with siRNAs specific to AldoA, EWSR1 and 90KDa isoform of ILF3, or non-targeting control siRNA. 72 h post siRNA transfection cells were infected with an MOI of 1 PFU/cell of poliovirus or Coxsackie virus B3, and the total virus yield was determined at 6 h p. i. Western blots show the efficacy of siRNA-mediated knockdown of the targeted proteins. D. HeLa cells were transfected with siRNAs specific to 90KDa isoform of ILF3 or EWSR1 or a non-targeting control siRNA. 72h post siRNA transfection, the cells were transfected with a replication-defective replicon RNA containing the Δ3D mutation. The total translation signal was calculated as the area ander the curve from 1 to 4 h post Δ3D RNA transfection. Western blots show the efficacy of siRNA-mediated knockdown of the targeted proteins. E. HeLa cells were transfected with siRNAs specific to AldoA, EWSR1 and 90KDa isoform of ILF3, or non-targeting control siRNA, and cell viability assays detecting the level of ATP or the activity of the mitochondrial respiratory chain enzymes were performed 72h post siRNA transfection. Western blots show the efficacy of siRNA-mediated knockdown of the targeted proteins. Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/36306280), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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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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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