Product Datasheet

FUS Antibody (CL0190) - Azide and BSA Free
NBP3-44055

Unit Size: 100 ug

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

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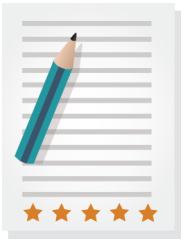
Updated 9/9/2025 v.20.1



NBP3-44055

FUS Antibody (CL0190) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0190
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description

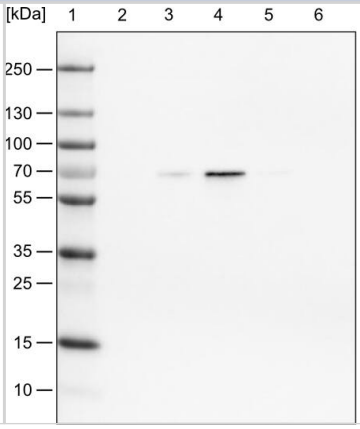
Description	Novus Biologicals Mouse FUS Antibody (CL0190) - Azide and BSA Free (NBP2-52874) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2521
Gene Symbol	FUS
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P35637, with the exact immunogen sequence remaining proprietary.

Product Application Details

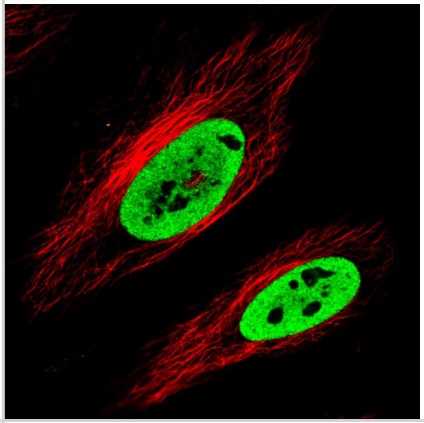
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

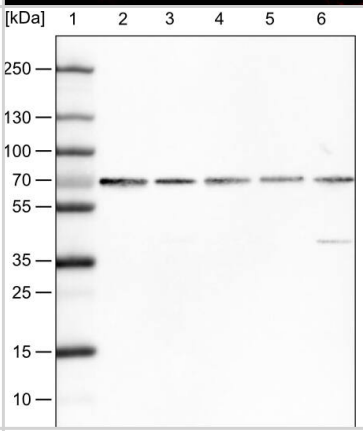
Lane 1: Marker [kDa]
Lane 2: Human cell line HeLa cytoplasmic fraction
Lane 3: Human cell line HeLa membrane fraction
Lane 4: Human cell line HeLa nuclear fraction
Lane 5: Human cell line HeLa chromatin fraction
Lane 6: Human cell line HeLa cytoskeletal fraction



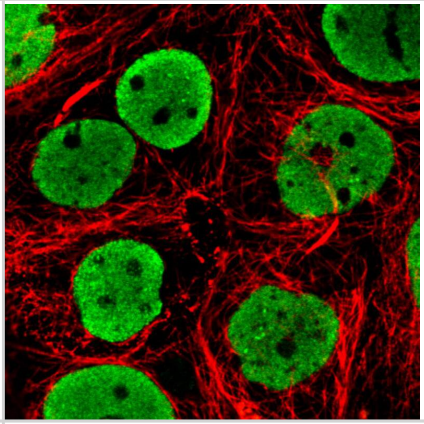
Staining in HeLa cell line with Anti-FUS monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



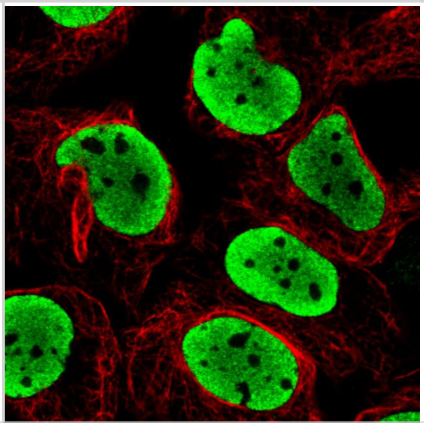
Lane 1: Marker [kDa]
Lane 2: Human cell line HeLa
Lane 3: Human cell line A-431
Lane 4: Human cell line MCF-7
Lane 5: Human cell line U2-OS
Lane 6: Human cell line Hep-G2



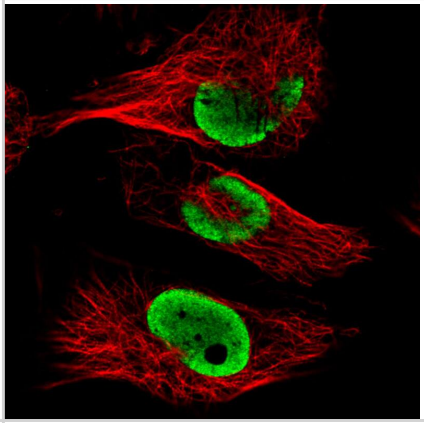
Staining in MCF7 cell line with Anti-FUS monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



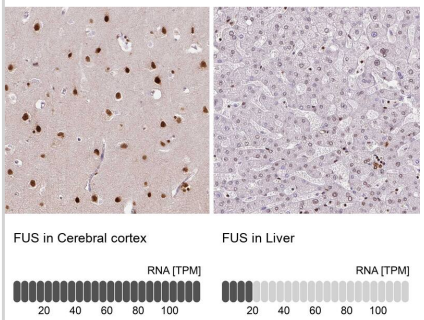
Staining in U2OS cell line with Anti-FUS monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



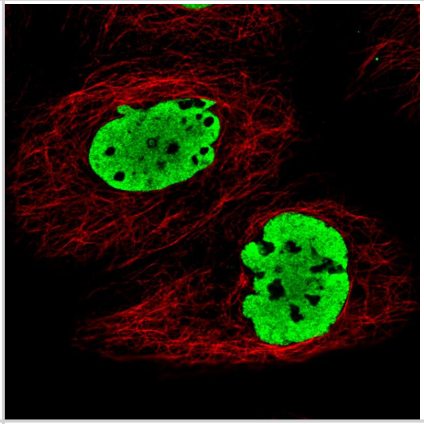
Staining in U251 cell line with Anti-FUS monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



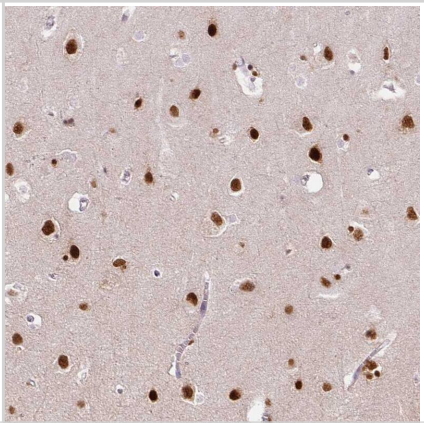
Analysis in human cerebral cortex and liver tissues using NBP3-44055 antibody. Corresponding FUS RNA-seq data are presented for the same tissues.

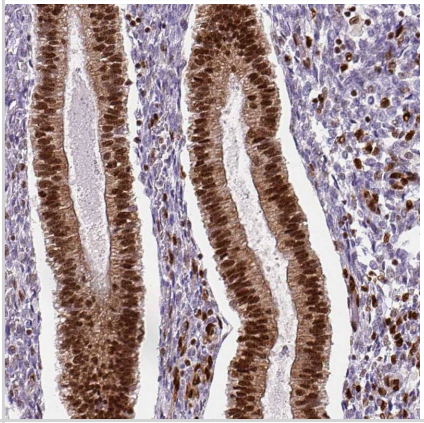
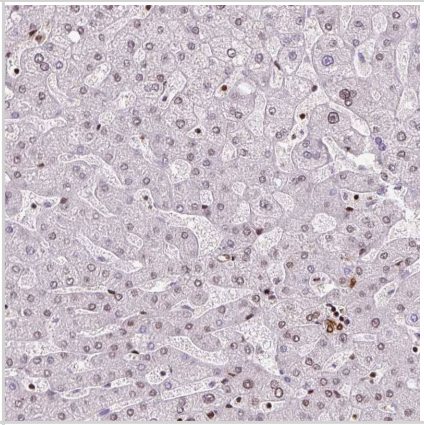
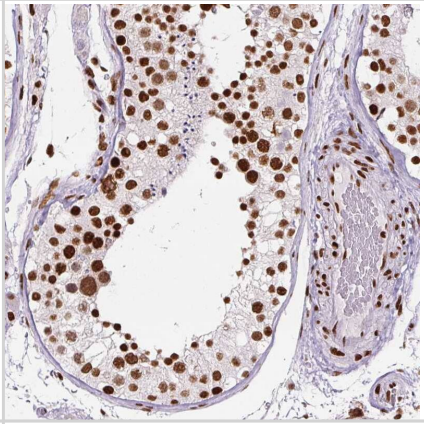
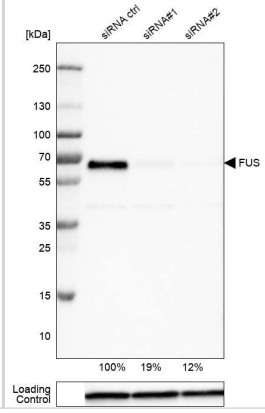


Staining in A431 cell line with Anti-FUS monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



Staining of human cerebral cortex shows strong nuclear positivity in neurons.



Staining of human endometrium shows strong nuclear positivity in glandular cells.	
Staining of human liver shows only very weak nuclear positivity in hepatocytes.	
Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.	
Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-FUS antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.	

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Products Related to NBP3-44055

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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