

Product Datasheet

Tenascin C Antibody (4C8MS) - Azide and BSA Free NBP2-80973

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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NBP2-80973

Tenascin C Antibody (4C8MS) - Azide and BSA Free

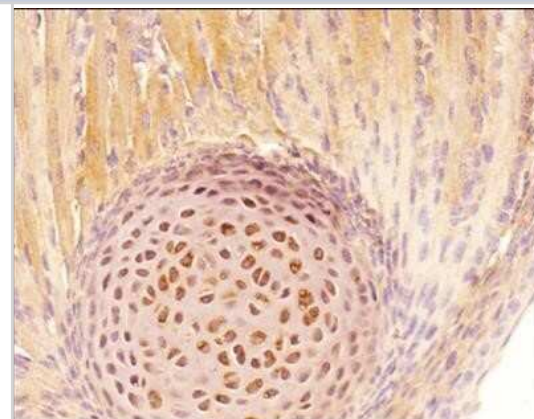
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4C8MS
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	3371
Gene Symbol	TNC
Species	Human, Mouse, Rat, Feline
Reactivity Notes	Feline reactivity reported in customer review.
Immunogen	Recombinant human Tenascin C [Swiss-Prot# P24821].

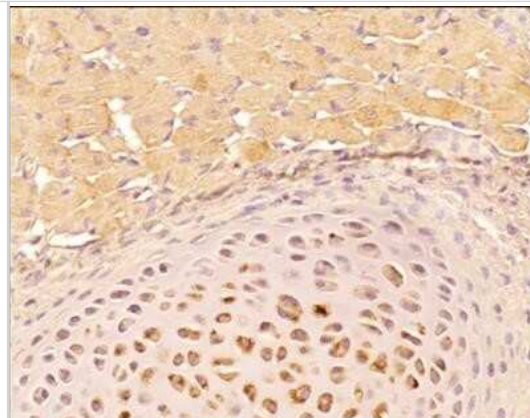
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready, Immunocytochemistry
Recommended Dilutions	Western Blot 5 ug/ml, Flow Cytometry 1 ug per million cells, ELISA, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:10-1:500. Use reported in scientific literature (PMID 21871891), Immunoprecipitation reported in scientific literature (PMID 27256716), Immunohistochemistry-Paraffin 1:50, Immunohistochemistry-Frozen, Flow (Intracellular), Immunocytochemistry, CyTOF-ready
Application Notes	For use in IHC-P, it is recommended to incubate primary antibody for at least 2 hours at room temperature followed by ON incubation at 4C. This antibody is CyTOF ready.

Images

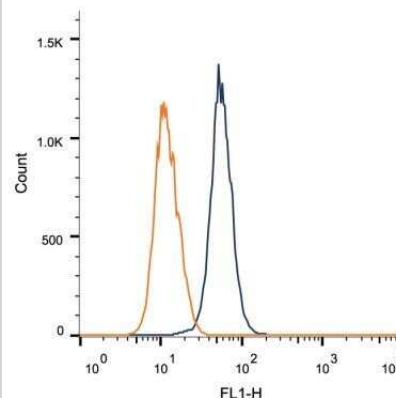
Immunocytochemistry: Tenascin C Antibody (4C8MS) - Azide and BSA Free [NBP2-80973] - IHC analysis of a formalin fixed paraffin embedded tissue section of mouse bone-tendon using Tenascin C antibody (clone 4C8MS) at 1:25 dilution. The signal was detected using HRP-DAB detection method which followed counterstaining using hematoxylin. The a



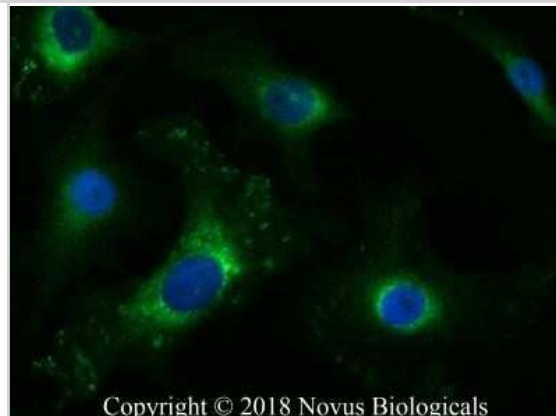
Immunohistochemistry-Paraffin: Tenascin C Antibody (4C8MS) - Azide and BSA Free [NBP2-80973] - IHC analysis of a formalin fixed paraffin embedded tissue section of mouse bone-tendon using Tenascin C antibody (clone 4C8MS) at 1:25 dilution. The signal was detected using HRP-DAB detection method which followed counterstaining using hematoxylin. The a



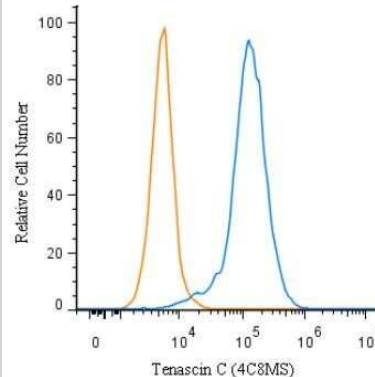
Flow Cytometry: Tenascin C Antibody (4C8MS) - Azide and BSA Free [NBP2-80973] - Intracellular flow cytometric staining of 1×10^6 MCF-7 cells using Tenascin C antibody (dark blue). Isotype control shown in orange. An antibody concentration of $1 \mu\text{g}/1 \times 10^6$ cells was used. Image from the standard format of this antibody.



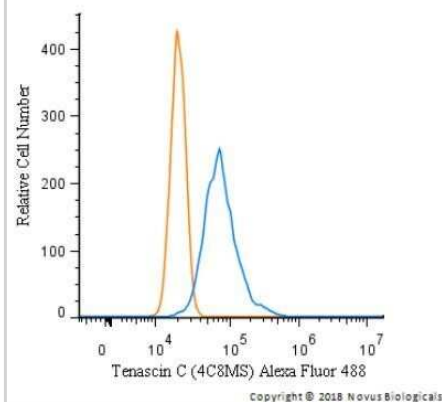
Immunocytochemistry/Immunofluorescence: Tenascin C Antibody (4C8MS) - Azide and BSA Free [NBP2-80973] - SK-MEL-28 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton-X100. The cells were incubated with anti-Tenascin C at 5 $\mu\text{g}/\text{ml}$ overnight at 4C and detected with an anti-Mouse IgG Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



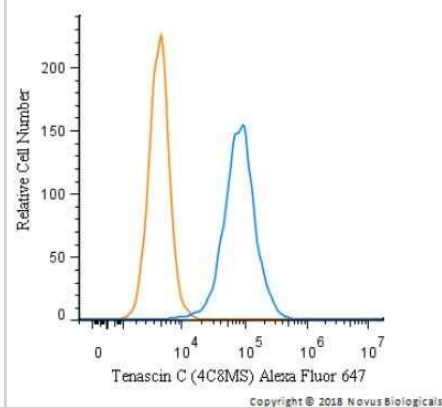
Flow Cytometry: Tenascin C Antibody (4C8MS) - Azide and BSA Free [NBP2-80973] - An intracellular stain was performed on SK-MEL-28 cells with Tenascin C Antibody (4C8MS) NB110-68136 and a matched isotype control. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 $\mu\text{g}/\text{mL}$ for 30 minutes at room temperature, followed by mouse F(ab)2 IgG (H+L) APC-conjugated secondary antibody (F0101B, R&D Systems). Image from the standard format of this antibody.



Flow Cytometry: Tenascin C Antibody (4C8MS) - Azide and BSA Free [NBP2-80973] - An intracellular stain was performed on SK-MEL-28 cells with Tenascin C Antibody (4C8MS) NB110-68136AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



Flow Cytometry: Tenascin C Antibody (4C8MS) - Azide and BSA Free [NBP2-80973] - An intracellular stain was performed on SK-MEL-28 cells with Tenascin C Antibody [4C8MS] NB110-68136AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.





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Products Related to NBP2-80973

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-89639PEP	Tenascin C Recombinant Protein Antigen

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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