

Product Datasheet

Sulfo tyrosine Antibody (7C5) - BSA Free NBP2-59384

Unit Size: 100 ug

Store at -20C.

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Publications: 1

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NBP2-59384**Sulfotyrosine Antibody (7C5) - BSA Free**

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	7C5
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

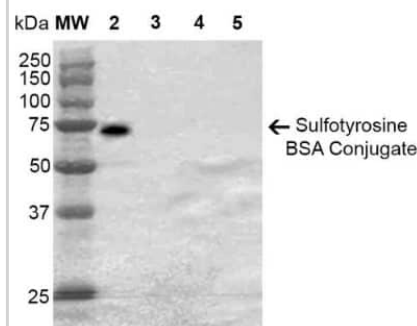
Product Description	
Description	Novus Biologicals Mouse Sulfotyrosine Antibody (7C5) - BSA Free (NBP2-59384) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Sulfotyrosine Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	Specific for sulfated tyrosine residues on various proteins. Does not detect free Sulfotyrosine. Does not cross-react with phosphotyrosine.
Immunogen	Synthetic Sulfotyrosine conjugated to Keyhole Limpet Hemocyanin (KLH).

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, ELISA 1:1000, Immunohistochemistry 1:25, Immunocytochemistry/ Immunofluorescence 1:50

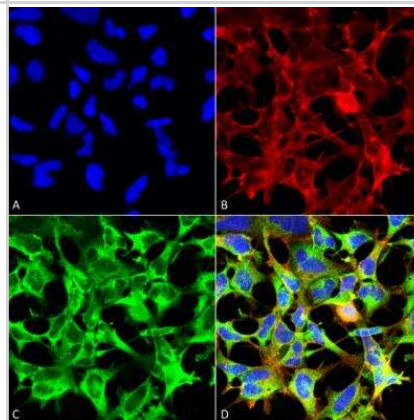


Images

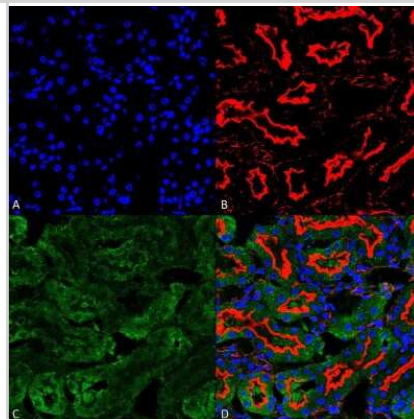
Western Blot: Sulfotyrosine Antibody (7C5) [NBP2-59384] - Western Blot analysis of Sulfotyrosine-BSA Conjugate showing detection of 67 kDa Sulfotyrosine protein using Mouse Anti-Sulfotyrosine Monoclonal Antibody, Clone 7C5 (NBP2-59384). Lane 1: Molecular Weight Ladder (MW). Lane 2: Sulfotyrosine-BSA. Lane 3: Tyrosine-BSA. Lane 4: Phosphotyrosine-BSA. Lane 5: BSA. Load: 2 ug. Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-Sulfotyrosine Monoclonal Antibody (NBP2-59384) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 67 kDa.



Immunocytochemistry/Immunofluorescence: Sulfotyrosine Antibody (7C5) [NBP2-59384] - Analysis using Mouse Anti-Sulfotyrosine Monoclonal Antibody, Clone 7C5. Tissue: Embryonic kidney cells (HEK293). Species: Human. Fixation: 5% Formaldehyde for 5 min. Primary Antibody: Mouse Anti-Sulfotyrosine Monoclonal Antibody at 1:50 for 30-60 min at RT. Secondary Antibody: Goat Anti-Mouse Alexa Fluor 488 at 1:1500 for 30-60 min at RT. Counterstain: Phalloidin Alexa Fluor 633 F-Actin stain; DAPI (blue) nuclear stain at 1:250, 1:50000 for 30-60 min at RT. Localization: Cytoplasmic. Magnification: 20X (2X Zoom). (A) DAPI (blue) nuclear stain. (B) Phalloidin Alex Fluor 633 F-Actin stain. (C) Sulfotyrosine Antibody (D) Composite. Courtesy of: Dr. Robert Burke, University of Victoria.



Immunohistochemistry: Sulfotyrosine Antibody (7C5) [NBP2-59384] - Immunohistochemistry analysis using Mouse Anti-Sulfotyrosine Monoclonal Antibody, Clone 7C5 (NBP2-59384). Tissue: kidney. Species: Human. Fixation: Formalin fixed, paraffin embedded. Primary Antibody: Mouse Anti-Sulfotyrosine Monoclonal Antibody (NBP2-59384) at 1:25 for 1 hour at RT. Secondary Antibody: Goat Anti-Mouse IgG: Alexa Fluor 488. Counterstain: Actin-binding Phalloidin-Alexa Fluor 633; DAPI (blue) nuclear stain. Magnification: 63X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Alex Fluor 633 F-Actin stain. (C) Sulfotyrosine Antibody (D) Composite



Publications

Xu P, Xi Y, Zhu J et al. Intestinal Sulfation Is Essential to Protect Against Colitis and Colonic Carcinogenesis Gastroenterology 2021-04-02 [PMID: 33819483] (IF/IHC)



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Products Related to NBP2-59384

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)

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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