Mouse Sulfotyrosine Monoclonal Antibody | anti-sTYR antibody

Sulfotyrosine Antibody, Clone 7C5: FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104126	**Mouse**	**Species Independent**	**ELISA, Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Sulfotyrosine; Monoclonal Antibody; Sulfotyrosine Antibody; Clone 7C5: FITC; Mouse Anti-Sulfotyrosine Monoclonal IgG1; Tyrosine sulfation Antibody; Sulfated Tyrosine Antibody; S-Tyrosine Antibody; sTYR Antibody; Sulphotyrosine Antibody; Tyrosine Sulphation Antibody; Sulphated Tyrosine Antibody; anti-sTYR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Species Independent
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7C5
Specificity	Specific for sulfated tyrosine residues on various proteins. Does not detect free Sulfotyrosine. Does not cross-react with phosphotyrosine.
Purity/Purification	Protein G Purified
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-sTYR antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Target	Sulfotyrosine
Immunogen	Synthetic Sulfotyrosine conjugated to Keyhole Limpet Hemocyanin (KLH).
Conjugate	FITC
Storage Buffer	PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide
Preparation and Storage	Store at -20 degree C.

IMAGES

WB (Western Blot)
Western Blot analysis of Sulfotyrosine-BSA Conjugate showing detection of 67 kDa Sulfotyrosine protein using Mouse Anti-Sulfotyrosine Monoclonal Antibody, Clone 7C5. 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 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.

ICC (Immunocytochemistry)
Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Sulfotyrosine Monoclonal Antibody, Clone 7C5. Tissue: Embryonic kidney epithelial cell line (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.

ADDITIONAL INFORMATION

Product Categories/Family for anti-sTYR antibody	Antibodies; Cell Signaling; Post-translational Modifications; Sulfation

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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