Mouse Citrulline Monoclonal Antibody

Citrulline Antibody, Clone 6C2.1: ATTO 390

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA103969	**Mouse**	**Species Independent**	**ELISA, Immunofluorescence, Immunocytochemistry, Western Blot**

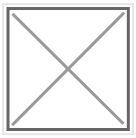
PRODUCT SYNONYMS

Citrulline; Monoclonal Antibody; Citrulline Antibody; Clone 6C2.1: ATTO 390; Mouse Anti-Citrullinated protein Monoclonal IgG1; Citrulline Antibody: ATTO 390; L-Citrulline Antibody; 2-Amino-5-(carbamoylamino)pentanoic acid; Citrulline-modified protein Antibody; ACPA; Anti-citrullinated protein antibodies; Anti-citrullinated protein Antibody; Modified Citrulline Antibody; Citrulline-containing protein Antibody; Citrullinated protein Antibody; anti-Citrulline antibody

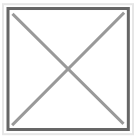
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Species Independent
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6C2.1
Specificity	Specific for citrulline residues on modified proteins. Tested using citrulline conjugated Bovine Serum Albumin (BSA).
Purity/Purification	Protein G Purified
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-Citrulline antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Target	Citrulline
Immunogen	Synthetic L-Citrulline conjugated to Keyhole Limpet Hemocyanin (KLH).
Conjugate	ATTO 390
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 Citrulline-BSA Conjugate showing detection of 67 kDa Citrulline protein using Mouse Anti-Citrulline Monoclonal Antibody, Clone 6C2.1. Lane 1: Molecular Weight Ladder (MW). Lane 2: BSA (0.5 ug). Lane 3: BSA (2.0 ug). Lane 4: Citrulline-BSA (0.5 ug). Lane 5: Citrulline-BSA (2.0 ug). Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-Citrulline 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-Citrulline Monoclonal Antibody, Clone 6C2.1. Tissue: Embryonic kidney epithelial cell line (HEK293). Species: Human. Fixation: 5% Formaldehyde for 5 min. Primary Antibody: Mouse Anti-Citrulline 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. Magnification: 20X (2X Zoom). (A) DAPI (blue) nuclear stain. (B) Phalloidin Alex Fluor 633 F-Actin stain. (C) Citrulline Antibody (D) Composite. Courtesy of: Dr. Robert Burke, University of Victoria.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Citrulline antibody	Antibodies; Cell Signaling; Post-translational Modifications; Citrullination

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/citrulline-antibody-clone-6c2-1-immunofluorescence-immunocytochemistry-western-blot-elisa/103969