

Product Datasheet

Citrulline Antibody (6C2.1)

NBP2-59365

Unit Size: 100 ug

Store at -20C.

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NBP2-59365

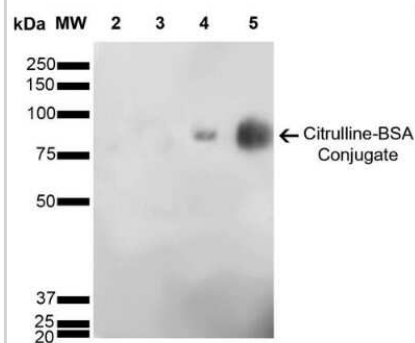
Citrulline Antibody (6C2.1)

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	6C2.1
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	Specific for citrulline residues on modified proteins. Tested using citrulline conjugated Bovine Serum Albumin (BSA).
Immunogen	Synthetic L-Citrulline conjugated to Keyhole Limpet Hemocyanin (KLH).
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, ELISA 1:1000, Immunohistochemistry 1:25, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin

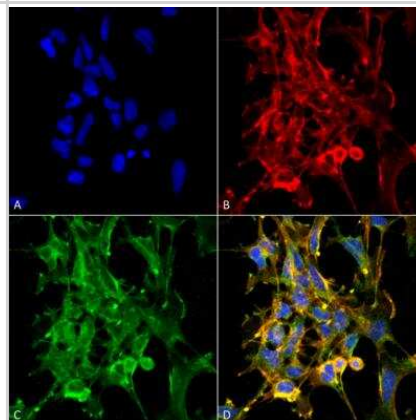


Images

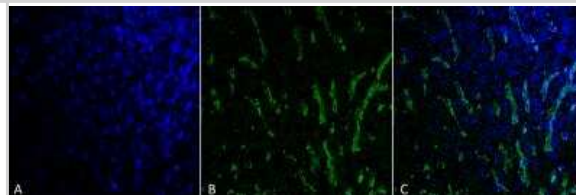
Western Blot: Citrulline Antibody (6C2.1) [NBP2-59365] - Western Blot analysis of Citrulline-BSA Conjugate showing detection of 67 kDa Citrulline protein using Mouse Anti-Citrulline Monoclonal Antibody, Clone 6C2.1 (NBP2-59365). Lane 1: Molecular Weight Ladder (MW). Lane 2: BSA (0.5 ug). Lane 3: BSA (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 (NBP2-59365) 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: Citrulline Antibody (6C2.1) [NBP2-59365] - Analysis using Mouse Anti-Citrulline Monoclonal Antibody, Clone 6C2.1. Tissue: Embryonic kidney cells (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.



Immunohistochemistry-Paraffin: Citrulline Antibody (6C2.1) [NBP2-59365] - Tissue: Colon tissue. Species: Mouse. Fixation: Formalin fixed, paraffin embedded. Primary Antibody: Mouse Anti-Citrulline Monoclonal Antibody at 1:25 for 1 hour at RT. Secondary Antibody: Goat Anti-Mouse IgG: Alexa Fluor 488. Counterstain: DAPI (blue) nuclear stain. Magnification: 63X. (A) DAPI (blue) nuclear stain. (B) Citrulline Antibody (C) Composite.





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Products Related to NBP2-59365

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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