Product Datasheet

Aconitase 1 Antibody (JE63-98)
NBP3-31993

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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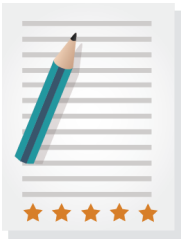


NBP3-31993

Aconitase 1 Antibody (JE63-98)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE63-98
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	98 kDa

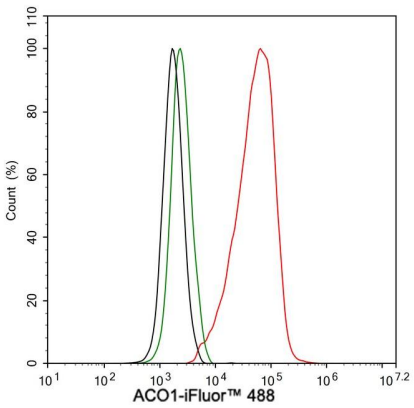
Product Description	
Host	Rabbit
Gene ID	48
Gene Symbol	ACO1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein. (Uniprot: P21399)

Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000

Images

Flow Cytometry: Aconitase 1 Antibody (JE63-98) [NBP3-31993] - Flow cytometric analysis of HeLa cells labeling Aconitase 1.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-31993, 1µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4□ for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4□. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



Western Blot: Aconitase 1 Antibody (JE63-98) [NBP3-31993] - Western blot analysis of Aconitase 1 on different lysates with Rabbit anti-Aconitase 1 antibody (NBP3-31993) at 1/2,000 dilution.

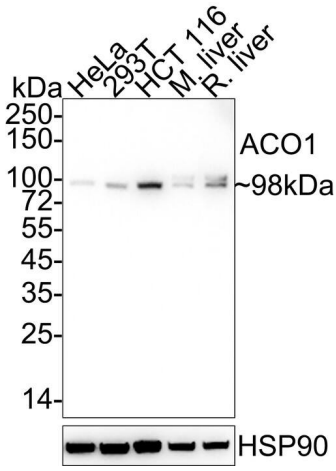
Lane 1: HeLa cell lysate (20 ug/Lane)
Lane 2: 293T cell lysate (20 ug/Lane)
Lane 3: HCT 116 cell lysate (20 ug/Lane)
Lane 4: Mouse liver tissue lysate (40 ug/Lane)
Lane 5: Rat liver tissue lysate (40 ug/Lane)

Predicted band size: 98 kDa
Observed band size: 98 kDa

Exposure time: 5 minutes 10 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-31993) at 1/2,000 dilution was used in 5% NFDM/TBST at 4□ overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-31993

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-50955-0.01mg	Recombinant Human Aconitase 1 His Protein

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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