

# Product Datasheet

## Aconitase 1 Antibody (22C10)

### NBP3-26529-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26529-100ul**

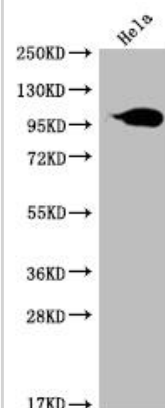
Aconitase 1 Antibody (22C10)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	22C10
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	48
Gene Symbol	ACO1
Species	Human
Immunogen	A synthesized peptide derived from Human Aconitase 1 [UniProt P21399]
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:200

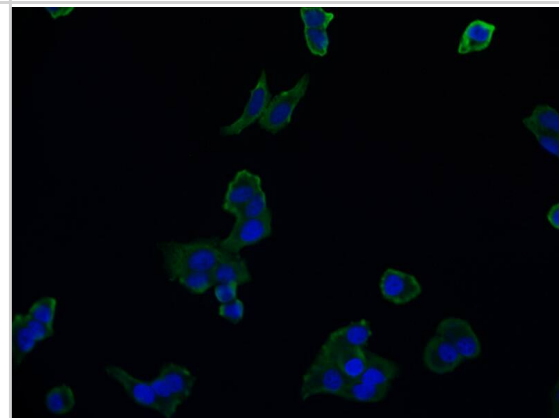


## Images

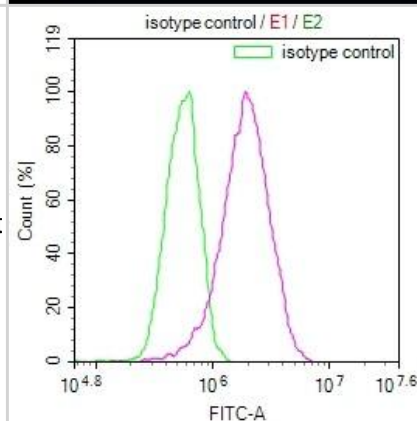
Western Blot: Aconitase 1 Antibody (22C10) [NBP3-26529] - Positive  
 Western Blot detected in: Hela whole cell lysate.  
 All lanes: Aconitase 1 Antibody at 1: 2000  
 Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.  
 Predicted band size: 100 kDa  
 Observed band size: 95-130 kDa



Immunocytochemistry/Immunofluorescence: Aconitase 1 Antibody (22C10) [NBP3-26529] - Staining of HepG2 cell with Aconitase 1 Antibody (22C10) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 511-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: Aconitase 1 Antibody (22C10) [NBP3-26529] - Overlay Peak curve showing HepG2 cells stained with Aconitase 1 Antibody (22C10) (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup> cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1\*10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.





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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

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### **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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