

Product Datasheet

CGI-16 Antibody (4E4) - Azide and BSA Free H00023597-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00023597-M01

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00023597-M01



H00023597-M01

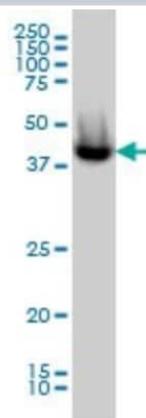
CGI-16 Antibody (4E4) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	23597
Gene Symbol	ACOT9
Species	Human, Rat
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	ACOT9 - acyl-Coenzyme A thioesterase 2, mitochondrial
Immunogen	ACATE2 (AAH12573, 1 a.a. ~ 212 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MRRAALRLCALGKGGQLTPGRGLTQGPQNPKKQGIFHIHEVRDKLREIVGASTN WRDHVKAMEERKLLHSFLAKSQDGLPPRRMKDSYIEVLLPLGSEPELREKYLT VQNTVRFGRILEDLDSLGVLCYMHNKIHSKMSPLSIVTALVDKIDMCKKSLSP EQDIKFSGHVSWSWGKTSMEVKMQMFQLHGDEFVLDATFVMVARDSENKG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactive against recominant protein and cell lysate for Western Blot. Has also been used for immunofluoresence, immunohistochemistry (paraffin), and ELISA.

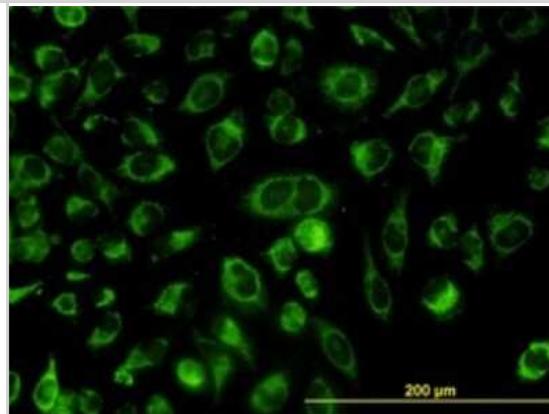


Images

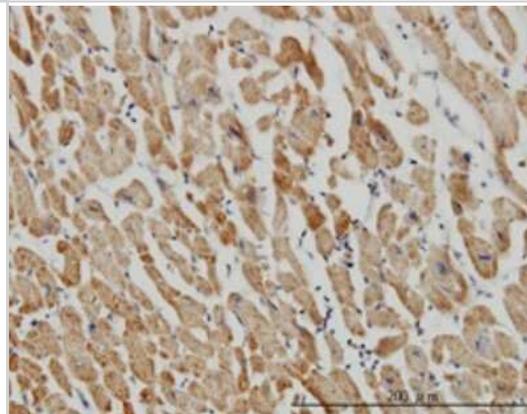
Western Blot: CGI-16 Antibody (4E4) [H00023597-M01] - ACATE2 monoclonal antibody (M01), clone 4E4 Analysis of ACATE2 expression in MCF-7.



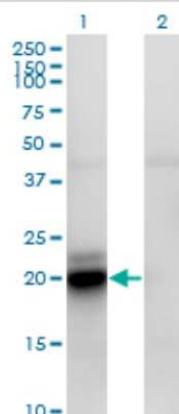
Immunocytochemistry/Immunofluorescence: CGI-16 Antibody (4E4) [H00023597-M01] - Analysis of monoclonal antibody to ACOT9 on HeLa cell. Antibody concentration 10 ug/ml.



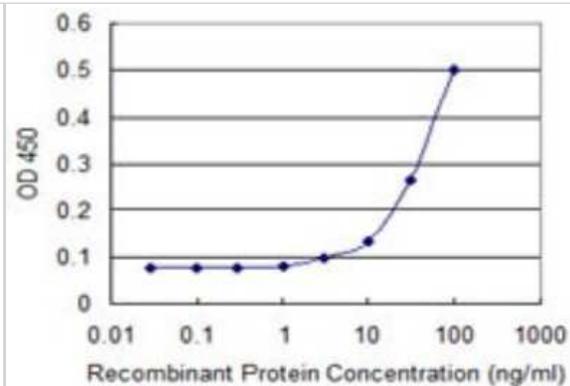
Immunohistochemistry-Paraffin: CGI-16 Antibody (4E4) [H00023597-M01] - Analysis of monoclonal antibody to ACOT9 on formalin-fixed paraffin-embedded human heart. Antibody concentration 3 ug/ml.



Western Blot: CGI-16 Antibody (4E4) [H00023597-M01] - Analysis of ACOT9 expression in transfected 293T cell line by ACATE2 monoclonal antibody (M01), clone 4E4. Lane 1: ACOT9 transfected lysate (24 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: CGI-16 Antibody (4E4) [H00023597-M01] - Detection limit for recombinant GST tagged ACOT9 is approximately 3ng/ml as a capture antibody.



Publications

Cieniewski-Bernard C, Mulder P, Henry JP et al. Proteomic Analysis of Left Ventricular Remodeling in an Experimental Model of Heart Failure. *J Proteome Res.* 2008-10-16 [PMID: 18922030]



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 H00023597-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00023597-P01-10ug	Recombinant Human CGI-16 GST (N-Term) 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00023597-M01

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

