

Product Datasheet

Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (1G6) - Azide and BSA Free H00000216-M05

Unit Size: 0.1 mg

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

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Publications: 1

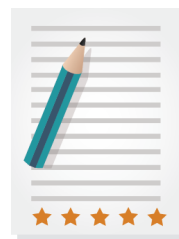
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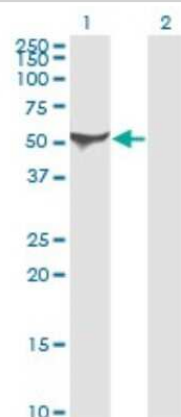
H00000216-M05**Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (1G6) - Azide and BSA Free**

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	1G6
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	216
Gene Symbol	ALDH1A1
Species	Human
Marker	Astrocyte Marker
Specificity/Sensitivity	ALDH1A1 - aldehyde dehydrogenase 1 family, member A1 (1G6)
Immunogen	ALDH1A1 (AAH01505, 1 a.a. ~ 501 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSSSGTPDLPVLLTDLKIYTKIFINNEWHDSVSGKKFPVFNPAEEEEELCQVEE GDKEDVDKAVKAARQAFQIGSPWRTMDASERGRLLYKLADLIERDRLLLATME SMNGGKLYSNAYLNDLAGCIKTLRYCAGWADKIQGR TIPIDGNFFTYTRHEPIG VCGQIIPWNFPLVMLIWKIGPALSCGNTVVVKPAEQTPLTALHVASLIKEAGFPP GVVNIVPGYGPTAGAAISSHMDIDKVAFTGSTEVGKLIKEAAGKSNLKRVTLLEL GKSPCIVLADADLDNAVEFAHHGVFYHQGQCCIAASRIFVEESIYDEFVRRSVE RAKKYILGNPLTPGVTQGPQIDKEQYDKILDIESGKKEGAKLECGGGPWGNK GYFVQPTVFSNVTDEMRIAKEEIFGPVQQIMKFKSLDDVIKRANNTFYGLSAGV FTKDIDKAITISSALQAGTVWVNCYGVVSAQC PFGGFKMSGNGRELGEYGFHE YTEVKTVTVKISQKNS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

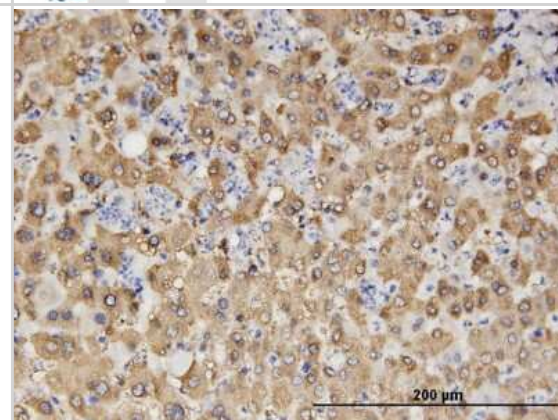


Images

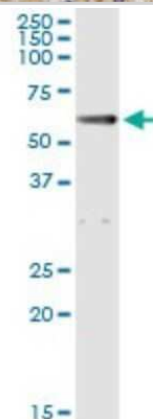
Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (1G6) [H00000216-M05] - Analysis of ALDH1A1 expression in transfected 293T cell line by ALDH1A1 monoclonal antibody (M05), clone 1G6. Lane 1: ALDH1A1 transfected lysate (Predicted MW: 54.9 KDa). Lane 2: Non-transfected lysate.



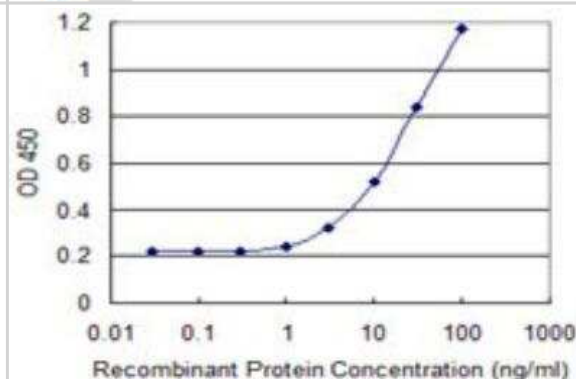
Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (1G6) [H00000216-M05] - Analysis of monoclonal antibody to ALDH1A1 on formalin-fixed paraffin-embedded human liver. Antibody concentration 3 ug/ml



Immunoprecipitation: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (1G6) [H00000216-M05] - Analysis of ALDH1A1 transfected lysate using anti-ALDH1A1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ALDH1A1 rabbit polyclonal antibody.



ELISA: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (1G6) [H00000216-M05] - Detection limit for recombinant GST tagged ALDH1A1 is 1 ng/ml as a capture antibody.



Publications

Stephanie S, Denise H, Analiz R et al. The Presence and Potential Role of ALDH1A2 in the Glioblastoma Microenvironment. Cells. 2021-09-20 [PMID: 34572134]



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Products Related to H00000216-M05

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-89152PEP	Aldehyde Dehydrogenase 1-A1/ALDH1A1 Recombinant Protein Antigen

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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