

Product Datasheet

Albumin Antibody (1G12-1B3) - Azide and BSA Free H00000213-M01

Unit Size: 0.1 mg

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

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H00000213-M01

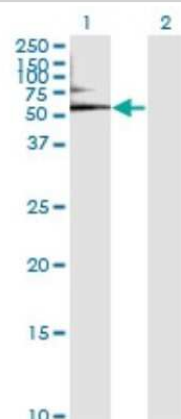
Albumin Antibody (1G12-1B3) - Azide and BSA Free

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	1G12-1B3
Preservative	No Preservative
Isotype	IgG1 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	213
Gene Symbol	ALB
Species	Human
Specificity/Sensitivity	ALB - albumin
Immunogen	ALB (AAH34023, 19 a.a. ~ 609 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. RGVFRRDAHKSEVAHRFKDLGEENFKALVLIIFAQYLQQCPFEDHVKLVNEVT EFAKTCVADESAENCDSLHTLFGDKLCTVATLRETYGEMADCCAKQEPERNE CFLQHKDDNPNLPRVLRPEVDVMCTAFHDNEETFLKKYLYEIARRHPYFYAPEL LFFAKRYKAAFECCQAADKAAACLLPKLDEL RDEGKASSAKQRLKCASLQKFG ERAFKAWAVARLSQRFPKAEFAEVSKLVTDLTKVHTECCHGDLLECADDRADL AKYICENQDSISSKLKECCEKPLLEKSHCIAEVENDEMPADLPSLAADFVESKD VCKNYAEAKDVFLGMFLYEYARRHPDYSVLLLLRLAKTYETTLEKCCAAADPH ECYAKVFDEFKPLVEEPQNLIKQNCLEFEQLGEYKFQNALLVRYTKKVPQVSTP TLVEVSRNLGKVGSKCKHPEAKRMPCAEDYLSVVLNQLCVLHEKTPVSDRVT KCCTESLVNRRPCFSALEVDETYVPKEFNAETFTFHADICTLSEKERQIKKQTAL VELVKHKPKATKEQLKAVMDDFAAFVEKCKADDKETCFAEGGKLVAAASQAA LGL
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 cell lysate and recombinant protein for WB. It has also been used for IHC-P and ELISA.

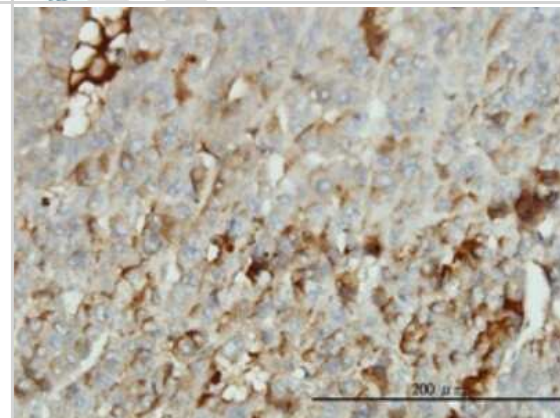


Images

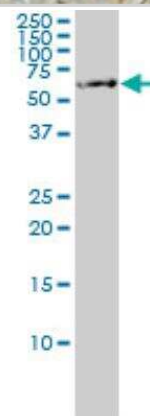
Western Blot: Albumin Antibody (1G12-1B3) [H00000213-M01] - Analysis of ALB expression in transfected 293T cell line by ALB monoclonal antibody (M01), clone 1G12-1B3. Lane 1: ALB transfected lysate (69.4 KDa). Lane 2: Non-transfected lysate.



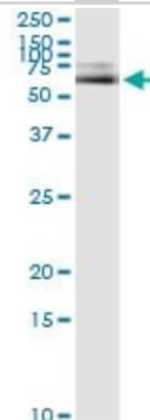
Immunohistochemistry-Paraffin: Albumin Antibody (1G12-1B3) [H00000213-M01] - Analysis of monoclonal antibody to ALB on formalin-fixed paraffin-embedded human hepatocellular carcinoma tissue. Antibody concentration 3 ug/ml.



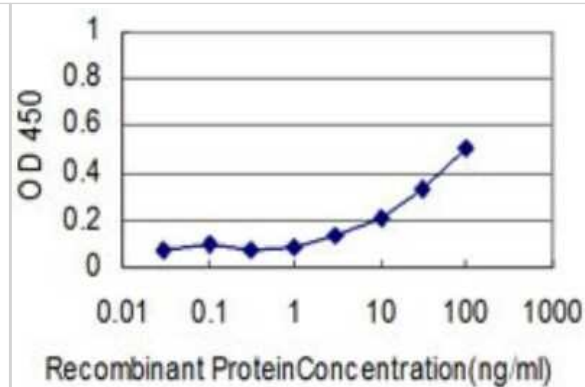
Western Blot: Albumin Antibody (1G12-1B3) [H00000213-M01] - ALB expression in HepG2 (Cat # L019V1).



Immunoprecipitation: Albumin Antibody (1G12-1B3) [H00000213-M01] - Analysis of ALB transfected lysate using anti-ALB monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ALB MaxPab rabbit polyclonal antibody.



ELISA: Albumin Antibody (1G12-1B3) [H00000213-M01] - Detection limit for recombinant GST tagged ALB is approximately 1ng/ml as a capture antibody.



Publications

Jackson MI, Cao J, Zeng H et al. S-Adenosylmethionine Dependent Protein Methylation is Required for Expression of Selenoprotein P and Gluconeogenic Enzymes in Human Hepatocytes. *J Biol Chem*. 2012-08-29 [PMID: 22932905]

Nagai S, Saito Y, Endo Y et al. Hypoalbuminemia in early onset dentatorubral-pallidoluysian atrophy due to leakage of albumin in multiple organs. *J Neurol*. 2012-12-23 [PMID: 23263592]

Simeonov KP, Uppal H. Direct Reprogramming of Human Fibroblasts to Hepatocyte-Like Cells by Synthetic Modified mRNAs. *PLoS One*. 2014-06-25 [PMID: 24963715]



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Products Related to H0000213-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)
NBP1-96881	Albumin Native 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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