

# Product Datasheet

## AE Binding Protein 1/ACLP Antibody (1D2) - Azide and BSA Free H00000165-M01

Unit Size: 0.1 mg

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

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**H00000165-M01**

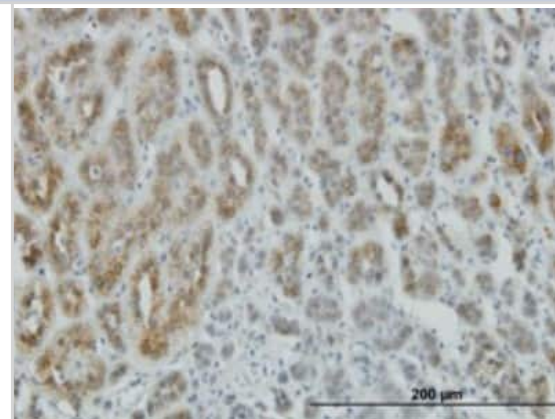
AE Binding Protein 1/ACLP Antibody (1D2) - Azide and BSA Free

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	1D2
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	165
Gene Symbol	AEBP1
Species	Human
Specificity/Sensitivity	AEBP1 - AE binding protein 1
Immunogen	AEBP1 (NP_001120, 912 a.a. ~ 1013 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VTDEQGIPIANATISVSGINHGVTASGGDYWRILNPGEYRVTAHAEGYTTPSAK TCNVDDYDIGATQCNFILARSNWKRIREIMAMNGNRPIPHIDPSRPMTP
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
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 30097586).

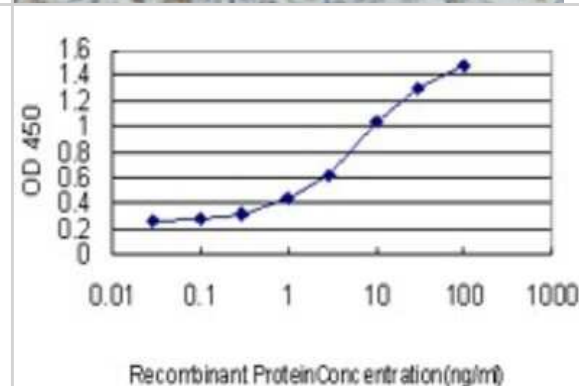


## Images

Immunohistochemistry-Paraffin: AE Binding Protein 1/ACLP Antibody (1D2) [H00000165-M01] - Analysis of monoclonal antibody to AEBP1 on formalin-fixed paraffin-embedded human adrenal gland. Antibody concentration 3 ug/ml.



ELISA: AE Binding Protein 1/ACLP Antibody (1D2) [H00000165-M01] - Detection limit for recombinant GST tagged AEBP1 is approximately 0.3ng/ml as a capture antibody.



## Publications

Liu JY, Jiang L, Liu JJ et al. AEBP1 promotes epithelial-mesenchymal transition of gastric cancer cells by activating the NF- $\kappa$ B pathway and predicts poor outcome of the patients Sci Rep 2018-08-10 [PMID: 30097586] (WB, IF/IHC, Human)

Li S, Li C, Fang Z. MicroRNA 214 inhibits adipocyte enhancer-binding protein 1 activity and increases the sensitivity of chemotherapy in colorectal cancer Oncol Lett 2019-01-01 [PMID: 30655737] (IF/IHC, Human)



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### **Products Related to H00000165-M01**

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)
H00000165-Q01-10ug	Recombinant Human AE Binding Protein 1/ACLP 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.

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