

# Product Datasheet

## RNASEH2A Antibody (3G5-F5) - Azide and BSA Free H00010535-M01

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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**H00010535-M01**

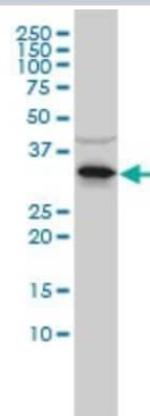
RNASEH2A Antibody (3G5-F5) - Azide and BSA Free

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	3G5-F5
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	10535
Gene Symbol	RNASEH2A
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	RNASEH2A - ribonuclease H2, large subunit
Immunogen	RNASEH2A (AAH11748, 1 a.a. ~ 299 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDLSELERDNTGRCRLSSPVPVAVCRKEPCVLGVDEAGRGPVLGPMVYAICYC PLPRLADLEALKVADSKTLLESERERLFAKMEDTDFVGVWALDVLSPNLISTSML GRVKYNLNSLSHDTATGLIQYALDQGVNVTQVFVDTVGMPEYQARLQQSFP GIEVTVKAKADALYPVVSAAISCAKVARQAVKKWQFVEKLQDLTDYGSGYP NDPKTKAWLKEHVEPVFGFPQFVRFSWRTAQTILEKEAEDVIWEDSASENQEG LRKITSYFLNEGSQARPRSSHRYFLERGLSATSL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA and RNAi Validation.

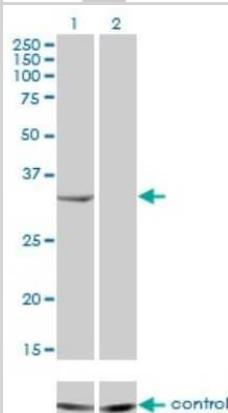


## Images

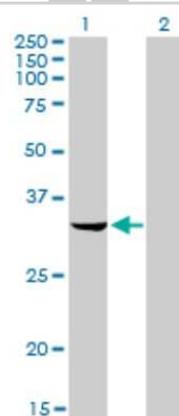
Western Blot: RNASEH2A Antibody (3G5-F5) [H00010535-M01] - RNASEH2A monoclonal antibody (M01), clone 3G5-F5 Analysis of RNASEH2A expression in Jurkat.



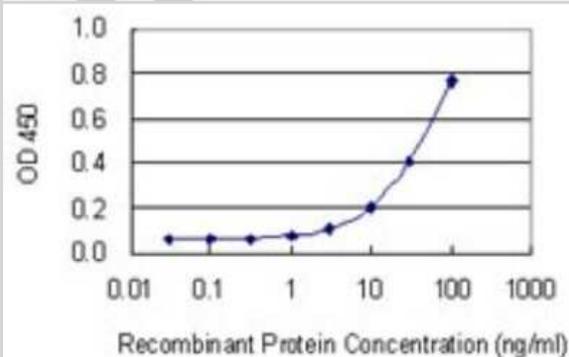
Western Blot: RNASEH2A Antibody (3G5-F5) [H00010535-M01] - Analysis of RNASEH2A over-expressed 293 cell line, cotransfected with RNASEH2A Validated Chimera RNAi ( Cat # H00010535-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with RNASEH2A monoclonal antibody (M01), clone 3G5-F5 (Cat # H00010535-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Western Blot: RNASEH2A Antibody (3G5-F5) [H00010535-M01] - Analysis of RNASEH2A expression in transfected 293T cell line by RNASEH2A monoclonal antibody (M01), clone 3G5-F5. Lane 1: RNASEH2A transfected lysate (33.4 kDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: RNASEH2A Antibody (3G5-F5) [H00010535-M01] - Detection limit for recombinant GST tagged RNASEH2A is 1 ng/ml as a capture antibody.



## Publications

Nozawa K, Doe K, Uomori K et al. Antiribonuclease H2 antibodies are an immune biomarker for systemic lupus erythematosus. *Autoimmunity* 2017-05-27 [PMID: 28553742]



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### **Products Related to H00010535-M01**

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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)
NBP2-23414	Recombinant Human RNASEH2A 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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