

# Product Datasheet

## EphA3 Antibody (3A12) - Azide and BSA Free H00002042-M01

Unit Size: 0.1 mg

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

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**H00002042-M01**

EphA3 Antibody (3A12) - 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	3A12
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

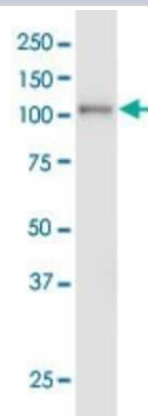
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2042
Gene Symbol	EPHA3
Species	Human
Specificity/Sensitivity	EPHA3 - EPH receptor A3
Immunogen	EPHA3 (AAH63282, 202 a.a. ~ 326 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. CPFTVKNLAMFPDTPMDSQSLVEVRGSCVNNNSKEEDPPRMYCSTEGEWLVP IGKCSCNAGYEERGFMCGACRPGFYKALDGNMKCAKCPPHSSTQEDGSMNC RCENNYFRADKDPPSMACTRPP
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 reactivity against recombinant protein for WB. It has been used for RNAi Validation and ELISA.

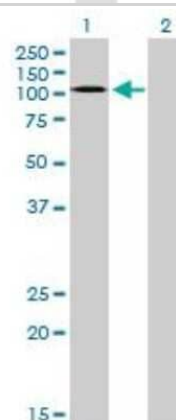


## Images

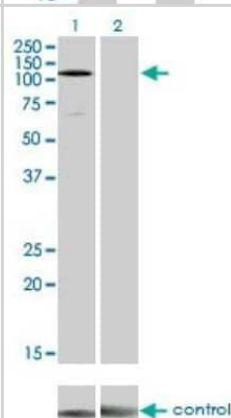
Western Blot: EphA3 Antibody (3A12) [H00002042-M01] - EPHA3 monoclonal antibody (M01), clone 3A12. Analysis of EPHA3 expression in human spleen.



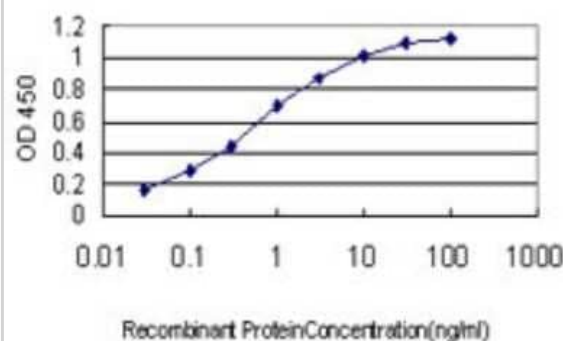
Western Blot: EphA3 Antibody (3A12) [H00002042-M01] - analysis of EPHA3 expression in transfected 293T cell line by EPHA3 monoclonal antibody (M01), clone 3A12. Lane 1: EPHA3 transfected lysate (110.1 kDa). Lane 2: Non-transfected lysate.



Western Blot: EphA3 Antibody (3A12) [H00002042-M01] - Analysis of EPHA3 over-expressed 293 cell line, cotransfected with EPHA3 Validated Chimera RNAi ( Cat # H00002042-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with EPHA3 monoclonal antibody (M01) clone 3A12 (Cat # H00002042-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Sandwich ELISA: EphA3 Antibody (3A12) [H00002042-M01] - Detection limit for recombinant GST tagged EPHA3 is approximately 0.03ng/ml as a capture antibody.



## Publications

Peng J, Wang Q, Liu H et al. EPHA3 regulates the multidrug resistance of small cell lung cancer via the PI3K/BMX/STAT3 sign. Tumour Biol 2016-04-21 [PMID: 27101199]



### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00002042-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)
NBP3-17708PEP	EphA3 Recombinant Protein Antigen

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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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