

# Product Datasheet

## **HNF-4 alpha/NR2A1 Antibody (4E2) H00003172-M04-0.05mg**

Unit Size: 0.05 mg

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

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**H00003172-M04-0.05mg**

HNF-4 alpha/NR2A1 Antibody (4E2)

**Product Information**

<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4E2
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

**Product Description**

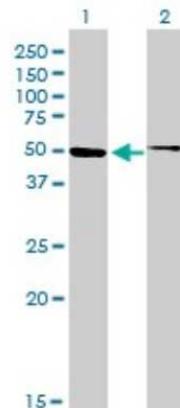
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	3172
<b>Gene Symbol</b>	HNF4A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	HNF4A (4E2)
<b>Immunogen</b>	HNF4A (NP_000448, 324 a.a. ~ 423 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa. NDRQYDSRGRFGELLLLPTLQSITWQMIEQIQFIKLFGMAKIDNLLQEMLLGGS PSDAPHAAHPLHPHLMQEHMGTNVANTMPHTLSNGQMCEWPRP
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

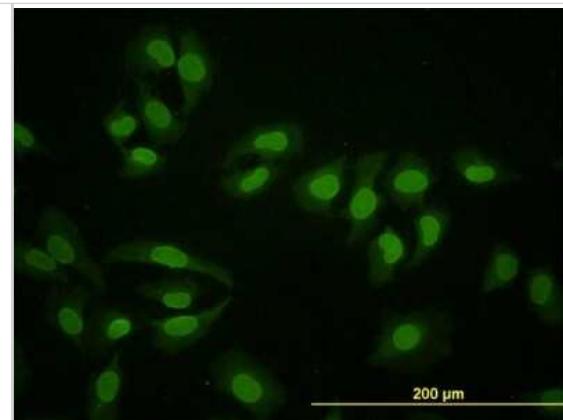
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Knockdown Validated
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, RNAi Validation and ELISA.

**Images**

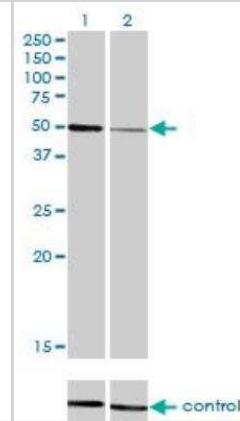
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of HNF4A expression in transfected 293T cell line by HNF4A monoclonal antibody (M04), clone 4E2. Lane 1: HNF4A transfected lysate (51.6 kDa). Lane 2: Non-transfected lysate.



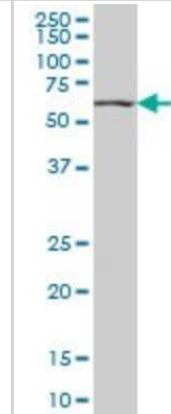
Immunocytochemistry/Immunofluorescence: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of monoclonal antibody to HNF4A on HeLa cell. Antibody concentration 10 ug/ml



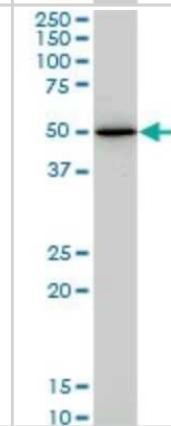
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Western blot analysis of HNF4A over-expressed 293 cell line, cotransfected with HNF4A Validated Chimera RNAi or non-transfected control. Blot probed with H00003172-M04. GAPDH (36.1 kDa) used as loading control.



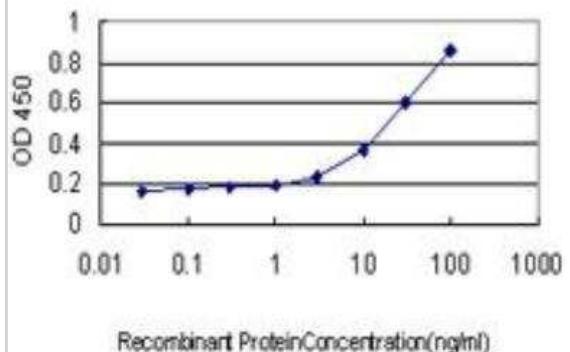
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of HNF4A expression in HepG2 (Cat # L019V1).



Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of HNF4A expression in Jurkat (Cat # L017V1).



ELISA: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] -  
Detection limit for recombinant GST tagged HNF4A is approximately  
1ng/ml as a capture antibody.



## Publications

Tsai WL, Yeh PH, Tsai CY et al. Efficient programming of human mesenchymal stem cell-derived hepatocytes by epigenetic regulations. *J Gastroenterol Hepatol* 2016-05-24 [PMID: 27218433]



## 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](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## 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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