

Product Datasheet

HNF-4 alpha/NR2A1 Antibody (4E2) H00003172-M04

Unit Size: 0.1 mg

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

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

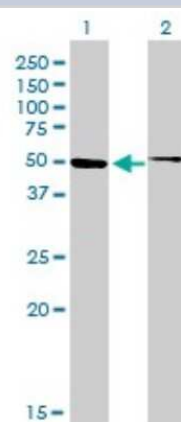
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E2
Preservative	No Preservative
Isotype	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	3172
Gene Symbol	HNF4A
Species	Human
Specificity/Sensitivity	HNF4A (4E2)
Immunogen	HNF4A (NP_000448, 324 a.a. ~ 423 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. NDRQYDSRGRFGELLLLLPTLQSITWQMIEQIQFIKLFGMKIDNLLQEMLLGGS PSDAPHAHHPLHPLMQEHMGTNVIVANTMPTHLSNGQMCEWPRP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

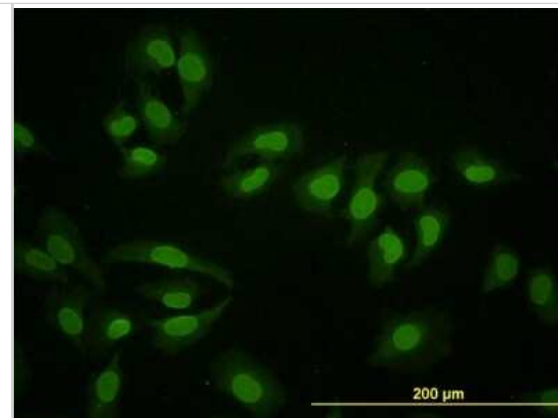
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate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

Images

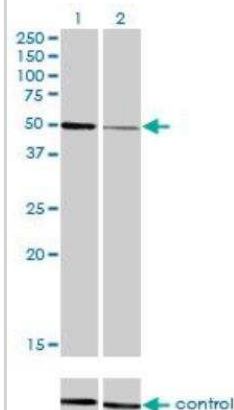
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of HNF4A expression in transfected 293T cell line by HNF4A monoclonal antibody (M04), clone 4E2. Lane 1: HNF4A transfected lysate (51.6 KDa). Lane 2: Non-transfected lysate.



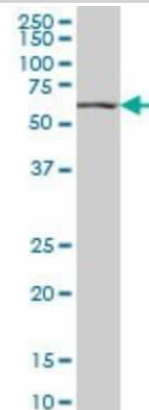
Immunocytochemistry/Immunofluorescence: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of monoclonal antibody to HNF4A on HeLa cell. Antibody concentration 10 ug/ml



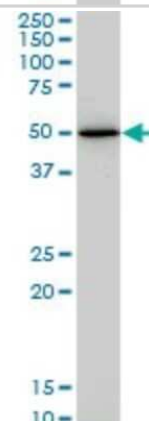
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Western blot analysis of HNF4A over-expressed 293 cell line, cotransfected with HNF4A Validated Chimera RNAi or non-transfected control. Blot probed with H00003172-M04. GAPDH (36.1 kDa) used as loading control.



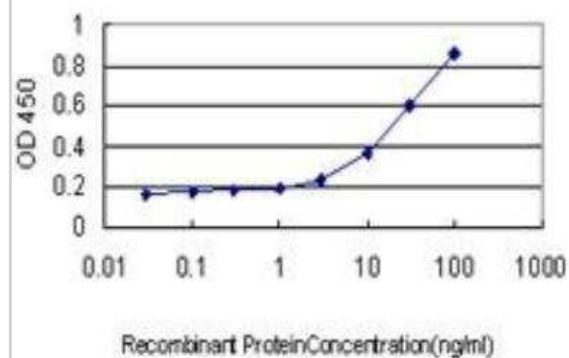
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of HNF4A expression in HepG2 (Cat # L019V1).



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]



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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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