

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)

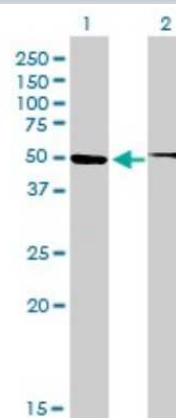
Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E2
Preservative	No Preservative
Isotype	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. NDRQYDSRGRFGELLLLLPTLQSITWQMIEQIQFIKLFGMAKIDNLLQEMLLGGS PSDAPHAHHPLHPLMQEHMGNTNIVANTMPTHLSNGQMCEWPRP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

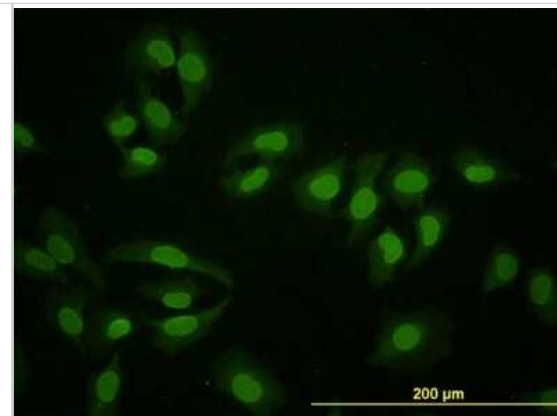
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate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

Images

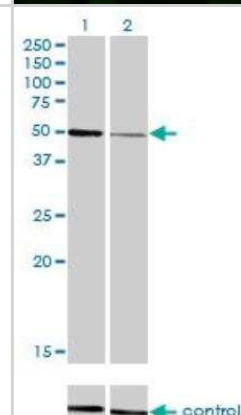
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of HNF4A expression in transfected 293T cell line by HNF4A monoclonal antibody (M04), clone 4E2. Lane 1: HNF4A transfected lysate (51.6 KDa). Lane 2: Non-transfected lysate.



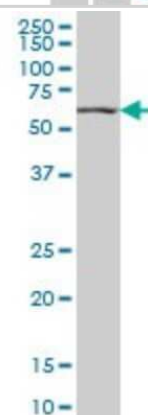
Immunocytochemistry/Immunofluorescence: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of monoclonal antibody to HNF4A on HeLa cell. Antibody concentration 10 ug/ml



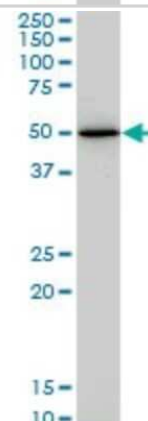
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Western blot analysis of HNF4A over-expressed 293 cell line, cotransfected with HNF4A Validated Chimera RNAi or non-transfected control. Blot probed with H00003172-M04. GAPDH (36.1 kDa) used as loading control.



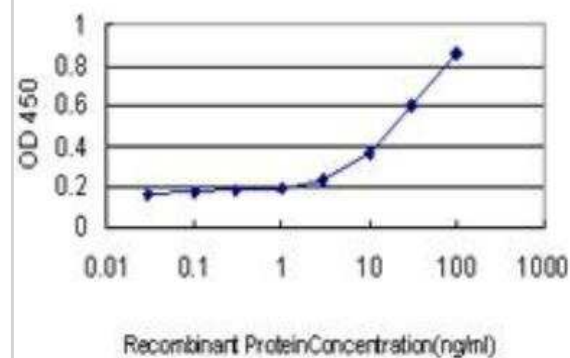
Western Blot: HNF-4 alpha/NR2A1 Antibody (4E2) [H00003172-M04] - Analysis of HNF4A expression in HepG2 (Cat # L019V1).



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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