

Product Datasheet

Pax2 Antibody (2E4) - Azide and BSA Free H00005076-M02

Unit Size: 0.1 mg

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

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H00005076-M02

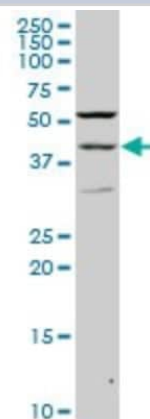
Pax2 Antibody (2E4) - Azide and BSA Free

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	2E4
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	5076
Gene Symbol	PAX2
Species	Human, Mouse, Rat
Specificity/Sensitivity	PAX2 - paired box gene 2 (2E4)
Immunogen	PAX2 (NP_000269, 194 a.a. ~ 303 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PRSNGEKRKRDEDVSEGSVPNGDSQSGVDSLRLKHLRADTFTQQQLEALDRVF ERPSYPDVVFQASEHIKSEQGNEYSLPALTPGLDEVKSSLSASTNPGLGSNVSG TQTYP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Sandwich ELISA, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Sandwich ELISA, Chromatin Immunoprecipitation (ChIP)
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

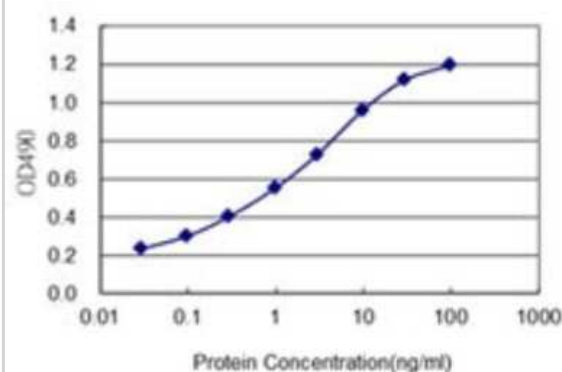


Images

Western Blot: Pax2 Antibody (2E4) [H00005076-M02] - PAX2 monoclonal antibody (M02), clone 2E4 Analysis of PAX2 expression in PC-12.



Sandwich ELISA: Pax2 Antibody (2E4) [H00005076-M02] - Detection limit for recombinant GST tagged PAX2 is 0.03 ng/ml as a capture antibody.



Publications

Hou L, Du Y, Zhao C et al. PAX2 may induce ADAM10 expression in renal tubular epithelial cells and contribute to epithelial-to-mesenchymal transition. *Int Urol Nephrol* 2018-08-16 [PMID: 30117015]

Doberstein K, Pfeilschifter J, Gutwein P. The transcription factor PAX2 regulates ADAM10 expression in renal cell carcinoma. *Carcinogenesis*. 2011-09-16 [PMID: 21880579]

Albanito L, Reddy CE, Musti AM. c-Jun is essential for the induction of Il-1b gene expression in in vitro activated Bergmann glial cells. *Glia*. 2011-09-21 [PMID: 21948257]



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Products Related to H00005076-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-57700PEP	Pax2 Recombinant Protein Antigen

Limitations

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