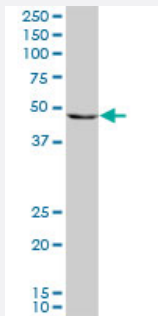


PAX8 monoclonal antibody (M09), clone 3H7

Catalog # H00007849-M09

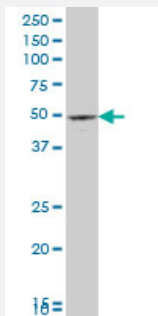
Size 100 ug

Applications



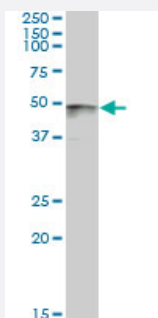
Western Blot (Tissue lysate)

PAX8 monoclonal antibody (M09), clone 3H7. Western Blot analysis of PAX8 expression in human liver.



Western Blot (Cell lysate)

PAX8 monoclonal antibody (M09), clone 3H7 Western Blot analysis of PAX8 expression in LNCaP (Cat # L004V1).

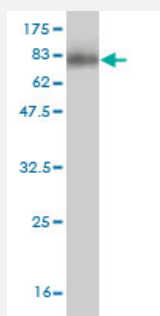
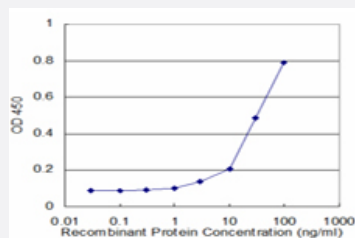


Western Blot (Cell lysate)

PAX8 monoclonal antibody (M09), clone 3H7. Western Blot analysis of PAX8 expression in Hs 181.Tes.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PAX8 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (75.24 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PAX8.
Immunogen	PAX8 (AAH01060, 1 a.a. ~ 450 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPHNSIRSGHGGNLNLGGAFVNGRPLPEVVQRIVDLAHQGVRPCDISRQLRVSHGCVSKILGRY YETGSIRPGVIGGSKPKVATPKVVEKIGDYKRQNPTMFAWEIRDRLAEGVCDNDTVPSVSSINRII RTKVQQPFNLPMDSVCVATKSLSPGHTLIPSSAVTPPEPQSDSLGSTYSINGLLGIAQPGSDKRK MDDSDQDSCRLSIDSQSSSSGPRKHLRTDAFSQHHLEPLECPFERQHYPEAYASPSHTKGEQG LYPLPLLNSTLDDGKATLTPSNTPLGRNLSTHQTPVVADPHSPFAIKQETPEVSSSSSTPSSLSS SAFLDLQQVGSVPPFNAFPHAASVYGQFTGQALLSGREMGPTLPGYPPHIPTSGQGSYASSAI AGMVAGSEYSGNAYGHTPYSSYSEAWRFPNSSLLSSPYYSSTSRPSAPPTTATAFDHL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (75.24 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PAX8 monoclonal antibody (M09), clone 3H7. Western Blot analysis of PAX8 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

PAX8 monoclonal antibody (M09), clone 3H7 Western Blot analysis of PAX8 expression in LNCaP (Cat # L004V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

PAX8 monoclonal antibody (M09), clone 3H7. Western Blot analysis of PAX8 expression in Hs 181.Tes.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PAX8 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PAX8

Entrez GeneID	7849
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GeneBank Accession#	BC001060
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Protein Accession#	AAH01060
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Gene Name	PAX8
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Gene Alias	-
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Gene Description	paired box 8
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Omim ID	167415 218700
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Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations

OTTHUMP00000158659|OTTHUMP00000158660|paired domain gene 8

Pathway

- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Congenital Hypothyroidism](#)
- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)