

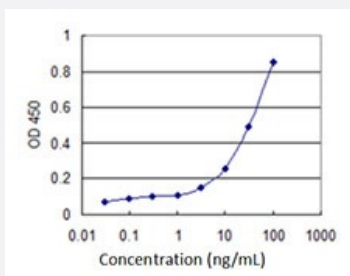
CX Grade

PAX8 monoclonal antibody (M09J), clone 3H7

Catalog # H00007849-M09J

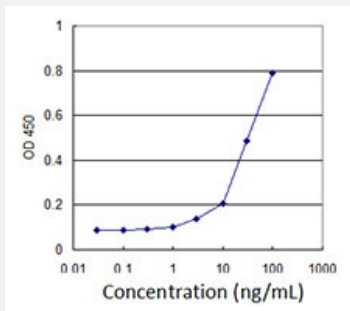
Size 100 ug

Applications



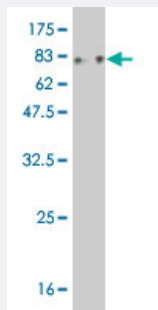
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PAX8 is 1 ng/ml as a capture antibody.



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.
This product is belong to Cell Culture Grade Antibody (CX Grade).

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	MPHNSIRSGHGGGLNQLGGAFVNGRPLPEVVRQRIVDLAHQGVRPCDISRQLRVSHGCVSKILGRY YETGSIRPGVIGGSKPKVATPKVVEKIGDYKRQNPTMFAWEIRDLLAEGVCDNDTVPSVSSINRII RTKVQQPFNLPMDS CVATKSLSPGHTLIPSSAVTPPESPQSDSLGSTYSINGLLGIAQPGSDKRK MDDSDQDSCRLSIDSQSSSSGPRKHLRTDAFSQHHLEPLECPFERQHYPEAYASPSHTKGEQG LYPLPLLNSTLDDGKATLTPSNTPLGRNLSTHQTPVVADPHSPFAIKQETPEVSSSSSTPSSLSS SAFLDLQQVGSGVPPFNAFPHAASVYGQFTGQALLSGREMGPTLPGYPPHIPTSGQGSYASSAI AGMVAGSEYSGNAYGHTPYSSYSEAWRFPNSSLLSSPYYSSTSRPSAPPTTATAFDHL
Host	Mouse
Reactivity	Human
Preparation Method	Cell Culture Production
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 (Recombinant protein)

[Protocol Download](#)

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[Protocol Download](#)

- ELISA

Gene Info — PAX8

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