

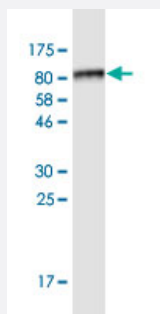
CX Grade

PAX8 monoclonal antibody (M09C), clone 3H7

Catalog # H00007849-M09C

Size 200 uL

Applications



Western Blot detection against Immunogen (75.13 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, 1 a.a. ~ 450 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MPHNSIRSGHGGLNQLGGAFVNGRPLPEVVRQRVLDLAHQGVPCDISRQLRVSHGCVSKILGRY
YETGSIRPGVIGGSKPKVATPKVVEKIGDYKRQNPTMFAWEIRDLLAEGVCDNDTVPSVSSINRII
RTKVQQPFNLPMDCVATKSLSPGHTLIPSSAVTPPESPQSDSLGSTYSINGLLGIAQPGSDKRK
MDDSDQDSCRLSIDSQSSSSGPRKHLRTDAFSQHHLEPLECPFERQHYPEAYASPSHTKGEQG
LYPLLLNSTLDDGKATLTPSNTPLGRNLSTHQTPVVADPHSPFAIKQETPEVSSSSSTPSSLSS
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 (75.13 KDa) .

Storage Buffer

In condensed culture supernatant

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PAX8

Entrez GeneID[7849](#)**GeneBank Accession#**[BC001060.2](#)**Protein Accession#**[AAH01060.1](#)**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](#)