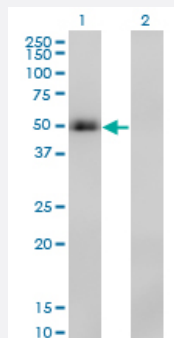


PAX8 monoclonal antibody (M05), clone 3E9

Catalog # H00007849-M05

Size 100 ug

Applications

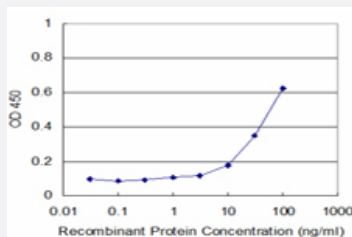


Western Blot (Transfected lysate)

Western Blot analysis of PAX8 expression in transfected 293T cell line by PAX8 monoclonal antibody (M05), clone 3E9.

Lane 1: PAX8 transfected lysate (48.2 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

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

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PAX8.
Immunogen	PAX8 (NP_003457, 300 a.a. ~ 377 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DPHSPFAIKQETPEVSSSSSTPSSLSSSAFLDLQQVGSGVPPFNAFPHAASVYGQFTGQALLSG REMGPTLPGYPPH
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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 (Transfected lysate)

Western Blot analysis of PAX8 expression in transfected 293T cell line by PAX8 monoclonal antibody (M05), clone 3E9.

Lane 1: PAX8 transfected lysate(48.2 KDa).

Lane 2: Non-transfected lysate.

[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
GeneBank Accession#	NM_003466
Protein Accession#	NP_003457
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](#)