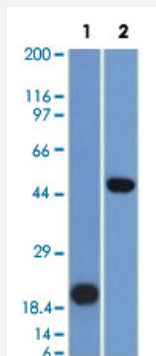


PAX8 monoclonal antibody, clone PAX8/1491

Catalog # MAB15041

Size 100 ug

Applications



Western Blot

Western Blot analysis of Lane 1: recombinant protein and Lane 2: Raji cell lysate with PAX8 monoclonal antibody, clone PAX8/1491 (Cat # MAB15041).

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant human PAX8.

Immunogen Recombinant protein corresponding to amino acids 60-261 of human PAX8.

Host Mouse

Theoretical MW (kDa) 62

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG2b

Recommend Usage

- Flow Cytometry (0.5-1 ug/10⁶ cells)
- Immunofluorescence (1-2 ug/mL)
- Western Blotting (0.5-1 ug/mL)
- The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Western Blot analysis of Lane 1: recombinant protein and Lane 2: Raji cell lysate with PAX8 monoclonal antibody, clone PAX8/1491 (Cat # MAB15041).

- Immunofluorescence

- Flow Cytometry

Gene Info — PAX8

Entrez GeneID	7849
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Protein Accession#	Q06710
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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
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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]
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Other Designations	OTTHUMP00000158659 OTTHUMP00000158660 paired domain gene 8
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Publication Reference

- [Expression of PAX8 in normal and neoplastic renal tissues: an immunohistochemical study.](#)

Tong GX, Yu WM, Beaubier NT, Weeden EM, Hamele-Bena D, Mansukhani MM, O'Toole KM.

Modern Pathology 2009 Sep; 22(9):1218.

Pathway

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

Disease

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