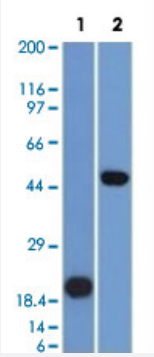
PAX8 monoclonal antibody, clone PAX8/1491

Catalog # MAB15040 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 # MAB15040).

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/10^6 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 (0.05% BSA, 0.05% sodium azide).

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Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Flow Cytometry
- Western Blot

  Western Blot analysis of Lane 1: recombinant protein and Lane 2: Raji cell lysate with PAX8 monoclonal antibody, clone PAX8/1491 (Cat # MAB15040).

Gene Info — PAX8

Entrez GeneID	7849
Protein Accession#	Q06710
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 an d expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternateively s pliced transcript variants encoding different isoforms have been described. [provided by RefSeq
Other Designations	OTTHUMP00000158659|OTTHUMP00000158660|paired domain gene 8

Publication Reference

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- 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

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