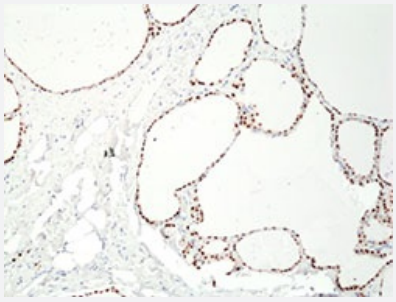
RecomAb™

PAX8 monoclonal antibody, clone RM436

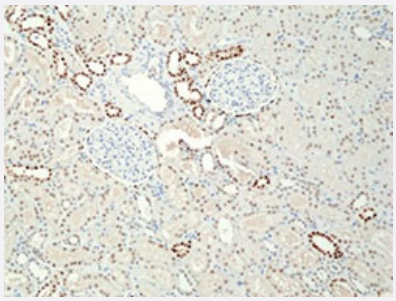
Catalog # MAB23221 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human thyroid with PAX8 monoclonal antibody, clone RM436 (Cat # MAB23221) at a 1:400 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with PAX8 monoclonal antibody, clone RM436 (Cat # MAB23221) at a 1:400 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PAX8.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to C-terminus of human PAX8.
Reactivity	Human
Specificity	This antibody reacts to human PAX8.
Form	Liquid

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Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:100-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — PAX8

Entrez GeneID	7849
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

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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

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