

**ARG41763**  
anti-PAX8 antibody [PAX8/1492]Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [PAX8/1492] recognizes PAX8
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	PAX8/1492
Isotype	IgG2a, kappa
Target Name	PAX8
Species	Human
Immunogen	Recombinant fragment corresponding to aa. 60-261 of Human PAX8.
Conjugation	Un-conjugated
Alternate Names	Paired box protein Pax-8

### Application Instructions

Application table	Application	Dilution
	FACS	0.5 - 1 µg/10 <sup>6</sup> cells
	ICC/IF	1 - 5 µg/ml
	IHC-P	1 - 5 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10 mM Tris with 1 mM EDTA (pH 9.0) for 10-20 min, followed by cooling at RT for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 48 kDa	

### Properties

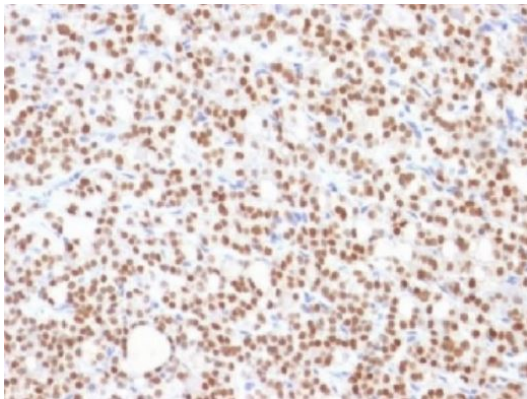
Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS, 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA

Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

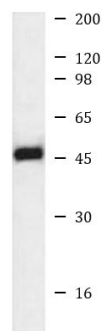
Gene Symbol	PAX8
Gene Full Name	paired box 8
Background	This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved 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, Mar 2010]
Function	Transcription factor for the thyroid-specific expression of the genes exclusively expressed in the thyroid cell type, maintaining the functional differentiation of such cells. [UniProt]
Calculated Mw	48 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



ARG41763 anti-PAX8 antibody [PAX8/1492] IHC-P image

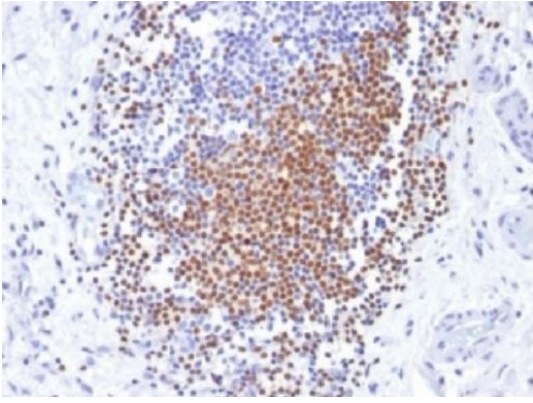
Immunohistochemistry: Formalin-fixed and paraffin-embedded Human thyroid carcinoma tissue stained with ARG41763 anti-PAX8 antibody [PAX8/1492]. Antigen Retrieval: Boil tissue section in 10 mM Tris with 1 mM EDTA (pH 9.0) for 10-20 min, followed by cooling at RT for 20 min.



Raji

ARG41763 anti-PAX8 antibody [PAX8/1492] WB image

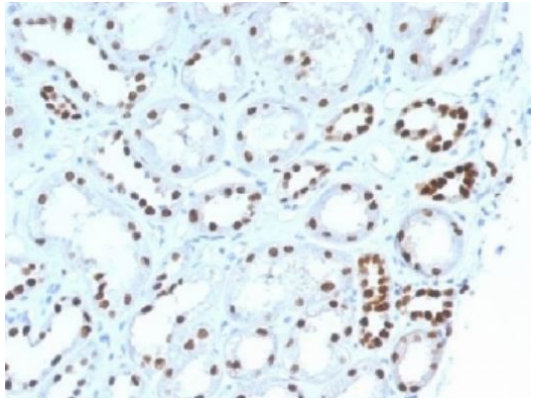
Western blot: Raji cell lysate stained with ARG41763 anti-PAX8 antibody [PAX8/1492].



ARG41763 anti-PAX8 antibody [PAX8/1492] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human urothelial carcinoma tissue stained with ARG41763 anti-PAX8 antibody [PAX8/1492]. Antigen Retrieval: Boil tissue section in 10 mM Tris with 1 mM EDTA (pH 9.0) for 10-20 min, followed by cooling at RT for 20 min.

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ARG41763 anti-PAX8 antibody [PAX8/1492] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human renal cell carcinoma tissue stained with ARG41763 anti-PAX8 antibody [PAX8/1492]. Antigen Retrieval: Boil tissue section in 10 mM Tris with 1 mM EDTA (pH 9.0) for 10-20 min, followed by cooling at RT for 20 min.

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