

# Product Datasheet

## **PAX8 Antibody (PAX8/1491 + PAX8/1492) [mFluor Violet 500 SE] NBP3-08274MFV500**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08274MFV500**

PAX8 Antibody (PAX8/1491 + PAX8/1492) [mFluor Violet 500 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	PAX8/1491 + PAX8/1492
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa/IgG2b Kappa
Conjugate	mFluor Violet 500 SE
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	7849
Gene Symbol	PAX8
Species	Human
Marker	Renal Cell Marker
Specificity/Sensitivity	Recognizes a protein of 62kDa, identified as PAX8. It is a member of the paired box (PAX) family of transcription factors. 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 thyroid adenomas. PAX-8 is expressed in the thyroid (and associated carcinomas), non-ciliated mucosal cells of the fallopian tubes, and simple ovarian inclusion cysts, but not normal ovarian surface epithelial cells. PAX-8 is expressed in a high percentage of ovarian serous, endometrioid, and clear cell carcinomas, but only rarely in primary ovarian mucinous adenocarcinomas. PAX-8 expression is reported in renal tubules as well as renal cell carcinoma, nephroblastoma, and seminoma. PAX-8 antibody may be used as an additional immunohistochemical marker for renal epithelial tumors.
Immunogen	Recombinant human PAX8 protein (Uniprot: Q06710)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

PAX8 Antibody (PAX8/1491 + PAX8/1492) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.





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### **Products Related to NBP3-08274MFV500**

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NBP2-51907-0.05mg	Recombinant Human PAX8 His Protein
288-TPN-025/CF	Thrombopoietin/THPO [Unconjugated]
NBL1-14132	PAX8 Overexpression Lysate
AF482	Ret Antibody [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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