

## Mouse Monoclonal Antibody to PAX8

<b>Catalogue Number</b>	sAP-0470
<b>Target Molecule</b>	<p><b>Name: PAX8</b></p> <p><b>Aliases: PAX8</b></p> <p><b>MW: 60kDa</b></p> <p><b>Entrez Gene ID: 7846</b></p>
<b>Description</b>	<p>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. Tissue specificity: Expressed in the excretory system, thyroid gland and Wilms tumors. ABCAM: This protein is a member of the paired box (PAX) family of transcription factors, typically containing a paired box domain, an octapeptide, and a paired-type homeodomain. This family plays critical roles during fetal development and cancer growth. The specific function of the</p>
<b>Immunogen</b>	Purified recombinant fragment of human PAX8 expressed in E. Coli.
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM2D4;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Thyroid. 2009 Jan;19(1):61-8. ; 2. Cancer Genet Cytogenet. 2010 Jan 1;196(1):7-13. ; 3. Cancer Cytopathol. 2010 Oct 25;118(5):298-302.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**