

For Research Use Only

# CoraLite® Plus 488-conjugated PAX8 Recombinant antibody

Catalog Number: CL488-80756



## Basic Information

Catalog Number: CL488-80756	GenBank Accession Number: BC001060	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7849	CloneNo.: 6B14
Source: Rabbit	UNIPROT ID: Q06710	Recommended Dilutions: IF/ICC 1:200-1:800
Isotype: IgG	Full Name: paired box 8	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG0306	Calculated MW: 48 kDa	
	Observed MW: 48 kDa, 58 kDa	

## Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : SKOV-3 cells,
Species Specificity: Human, mouse	

## Background Information

PAX8 is a member of the paired box (PAX) family of transcription factors, typically containing a paired box domain and a paired-type homeodomain. It is expressed during organogenesis of the thyroid gland, kidney and Mullerian system. It is thought to regulate the expression of Wilms tumor suppressor (WT1) gene and mutations in PAX8 have been associated with Wilms tumor cells, thyroid and ovarian carcinomas. PAX8 is a useful marker in distinguishing ovarian carcinomas from mammary carcinomas (PMID: 18724243). PAX8 is expressed in a high percentage of ovarian serous, endometrioid, and clear cell carcinomas, but only rarely in primary ovarian mucinous adenocarcinoma.

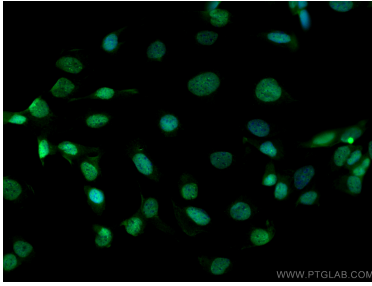
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using CoraLite® Plus 488 PAX8 antibody (CL488-80756, Clone: 6B14 ) at dilution of 1:400.