For Research Use Only

CoraLite® Plus 647-conjugated PAX8 proteintech Polyclonal antibody

www.ptglab.com

Catalog Number: CL647-10336

Featured Product

Basic Information

Applications

Catalog Number: GenBank Accession Number: CL647-10336

BC001060

GeneID (NCBI):

100ul, Concentration: 1000 µg/ml by 7849

Full Name:

Source: paired box 8 Rabbit Calculated MW:

Isotype: 48 kDa IgG Observed MW: Immunogen Catalog Number: 48 kDa, 58 kDa

Positive Controls:

IF: SKOV-3 cells, mouse kidney tissue

Purification Method:

IF 1:50-1:500

wavelengths:

654 nm / 674 nm

Antigen affinity purification

Excitation/Emission maxima

Recommended Dilutions:

Tested Applications:

Species Specificity: human, mouse, rat

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 adenocarcinomas

This antibody can detect all 5 isoforms of PAX8 (31 kDa, 34 kDa, 41 kDa, 43 kDa and 48 kDa). A 58-60 kDa form has also been reported (PMID:15650356, 1049952). Proteintech's 10336-1-AP antibody has cross-reactivities with the other PAX family members.

Storage

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

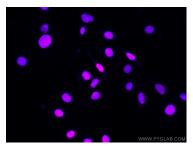
Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using CoraLite® Plus 647 PAX8 antibody (CL647-10336) at dilution of 1:200.