For Research Use Only

PAX8-Specific Monoclonal antibody

Catalog Number:66073-1-Ig

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Basic Information

Catalog Number:
66073-1-Ig

Size:
150ul , Concentration: 753 μg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG2b

GenBank Accession Number:
NM_013992

GeneID (NCBI):
7849

Full Name:
paired box 8

Calculated MW:
48 kDa

Purification Method:
Protein A purification

CloneNo.:
2H9E1

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : Skov-3 cells,

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. The specific function of the PAX8 is unknown but it may involve kidney cell differentiation, thyroid development, or thyroid dysgenesis. Several other splice variants have been proposed but the full nature of these products has not been described. Pax8 is also a marker of otic progenitor cells. Mutation of PAX8 will cause congenital hypothyroidism non-goitrous type 2 (CHNG2). This antibody is specific to Pax8. It will not cross react with other PAX members

Storage

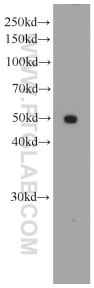
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 66073-1-Ig (PAX8-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.