

PREB Monoclonal antibody

Catalog Number: 66981-1-Ig

Basic Information

Catalog Number:

66981-1-Ig

Concentration:

1700 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28549

GenBank Accession Number:

BC002765

GeneID (NCBI):

10113

UNIPROT ID:

Q9HCU5

Full Name:

prolactin regulatory element binding

Calculated MW:

45 kDa

Observed MW:

45 kDa

Purification Method:

Protein G purification

CloneNo.:

2F6A1

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:150-1:600

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*)** Alternatively, antigen retrieval may be performed with **citrate buffer pH 6.0**

Positive Controls:

WB : Daudi cells, Raji cells, Ramos cells

IHC : human prostate cancer tissue,

Background Information

PREB contains two PQ-rich potential transactivation domains, but no apparent DNA-binding motif, and exhibits sequence-specific binding to Pit1-binding element of the prolactin (PRL) promoter. It may act as a transcriptional regulator and is thought to be involved in some of the developmental abnormalities observed in patients with partial trisomy 2p.

Storage

Storage:

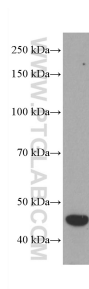
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

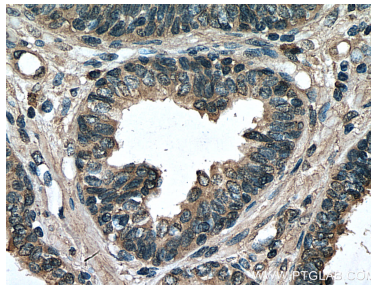
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Daudi cells were subjected to SDS PAGE followed by western blot with 66981-1-Ig (PREB antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66981-1-Ig (PREB antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).