

For Research Use Only

PRKAR2A Monoclonal antibody, PBS Only



Catalog Number: 67751-1-PBS

Basic Information

Catalog Number:

67751-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG29893

GenBank Accession Number:

BC002763

GeneID (NCBI):

5576

UNIPROT ID:

P13861

Full Name:

protein kinase, cAMP-dependent, regulatory, type II, alpha

Calculated MW:

43 kDa

Observed MW:

50 kDa

Purification Method:

Protein G purification

CloneNo.:

1B2B3

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

Human, rat, mouse

Background Information

The effects of cAMP in most tissues and cell types are mainly modulated via protein kinase A, a heterotetrameric protein complex consisting of two regulatory and two catalytic subunits. The regulatory subunit of cAMP-dependent protein kinase (PRKAR2A) is one of the regulatory subunits and the gene is located on chromosome region 3p21.3-p21.2. The expression of PRKAR2A is tightly regulated during spermatogenesis, a significant increase in expression of this gene was also found in the human myometrium during pregnancy.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

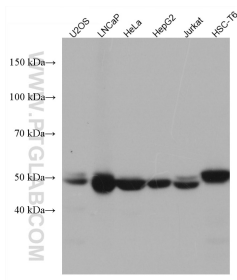
T: 4006900926

E: Proteintech-CN@ptglab.com

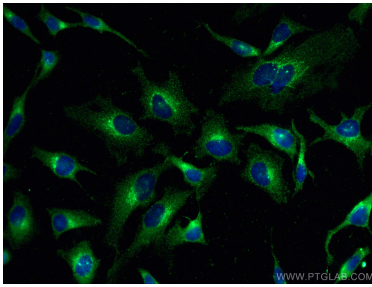
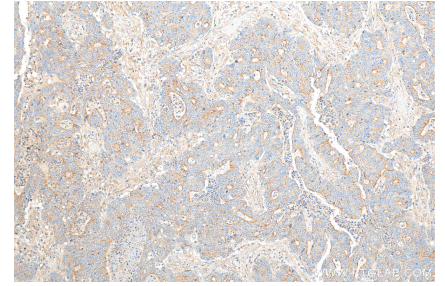
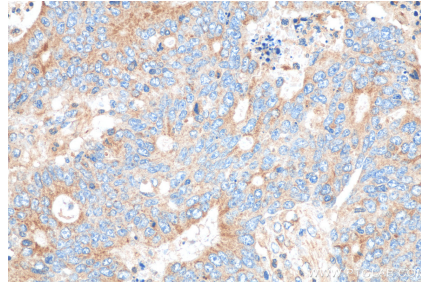
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67751-1-Ig (PRKAR2A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67751-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PRKAR2A antibody (67751-1-Ig, Clone: 1B2B3) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67751-1-PBS in a different storage buffer formulation.