

For Research Use Only

HK3 Monoclonal antibody, PBS Only

Catalog Number: 67803-1-PBS



Basic Information

Catalog Number:

67803-1-PBS

Concentration:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30798

GenBank Accession Number:

BC028129

GeneID (NCBI):

3101

UNIPROT ID:

P52790

Full Name:

hexokinase 3 (white cell)

Calculated MW:

923 aa, 99 kDa

Observed MW:

99 kDa

Purification Method:

Protein G purification

CloneNo.:

3H3C7

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat, pig

Background Information

Hexokinases phosphorylate glucose to produce glucose-6-phosphate (G6P), the first step in most glucose metabolism pathways. Hexokinase 3 also known as HK3, similar to hexokinases 1 and 2, this allosteric enzyme is inhibited by its product glucose-6-phosphate.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

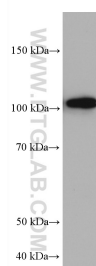
T: 4006900926

E: Proteintech-CN@ptglab.com

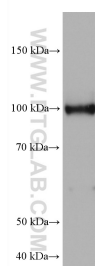
W: ptgcn.com

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

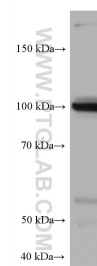
Selected Validation Data



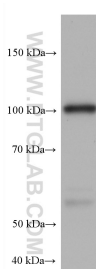
human saliva were subjected to SDS PAGE followed by western blot with 67803-1-Ig (HK3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67803-1-PBS in a different storage buffer formulation.



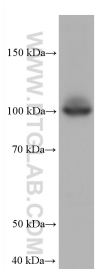
rat spleen tissue were subjected to SDS PAGE followed by western blot with 67803-1-Ig (HK3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67803-1-PBS in a different storage buffer formulation.



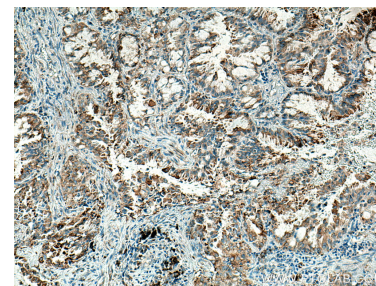
Raji cells were subjected to SDS PAGE followed by western blot with 67803-1-Ig (HK3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67803-1-PBS in a different storage buffer formulation.



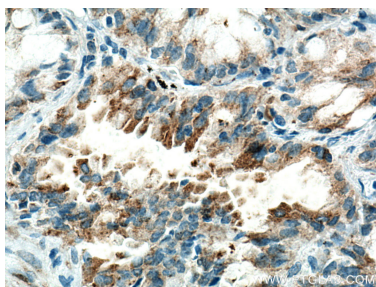
Ramos cells were subjected to SDS PAGE followed by western blot with 67803-1-Ig (HK3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67803-1-PBS in a different storage buffer formulation.



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 67803-1-Ig (HK3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67803-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67803-1-Ig (HK3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67803-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67803-1-Ig (HK3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67803-1-PBS in a different storage buffer formulation.