

For Research Use Only

PIK3C2A Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 88380-3-PBS



Basic Information

Catalog Number:

88380-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16894

GenBank Accession Number:

BC113658

GeneID (NCBI):

5286

UNIPROT ID:

O00443

Full Name:

phosphoinositide-3-kinase, class 2,
alpha polypeptide

Calculated MW:

1686 aa, 191 kDa

Purification Method:

Protein A purification

CloneNo.:

260864A9

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

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:

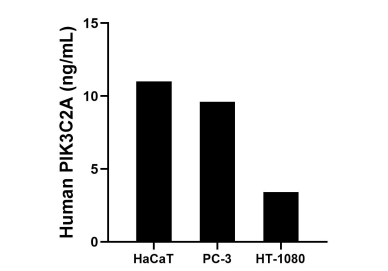
T: 4006900926

E: Proteintech-CN@ptglab.com

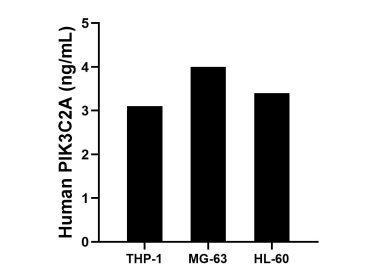
W: ptgcn.com

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

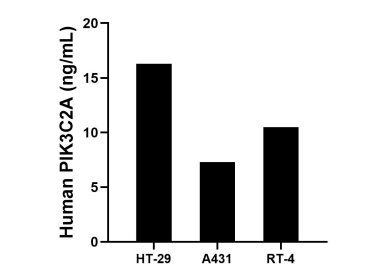
Selected Validation Data



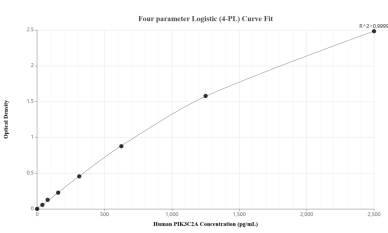
The mean PIK3C2A concentration was determined to be 11.0 ng/mL in HaCaT cell extract based on a 1.2 mg/mL extract load, 9.6 ng/mL in PC-3 cell extract based on a 1.2 mg/mL extract load and 3.4 ng/mL in HT-1080 cell extract based on a 1.2 mg/mL extract load.



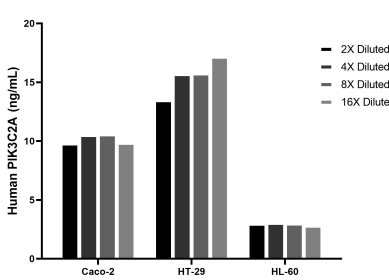
The mean PIK3C2A concentration was determined to be 3.1 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load, 4.0 ng/mL in MG-63 cell extract based on a 1.2 mg/mL extract load and 3.4 ng/mL in HL-60 cell extract based on a 1.2 mg/mL extract load.



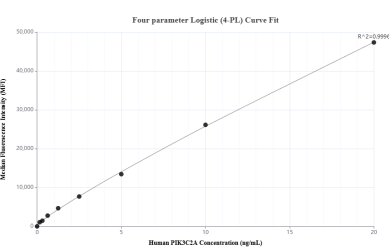
The mean PIK3C2A concentration was determined to be 16.3 ng/mL in HT-29 cell extract based on a 1.2 mg/mL extract load, 7.3 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load and 10.5 ng/mL in RT-4 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03538-1, Human PIK3C2A Recombinant Matched Antibody Pair - PBS only. 88380-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag16894. 88380-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



The mean PIK3C2A concentration was determined to be 10.2 ng/mL in Caco-2 cell extract based on a 1.2 mg/mL extract load, 15.5 ng/mL in HT-29 cell extract based on a 1.2 mg/mL extract load, 3.0 ng/mL in HL-60 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03538-1, PIK3C2A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88380-1-PBS. Detection antibody: 88380-3-PBS. Standard: Ag16894. Range: 0.156-20 ng/mL.