

For Research Use Only

PA2G4 Monoclonal antibody, PBS Only (Detector)



Catalog Number: 66055-1-PBS

Featured Product

Basic Information

Catalog Number:

66055-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG7850

GenBank Accession Number:

BC001951

GeneID (NCBI):

5036

UNIPROT ID:

Q9UQ80

Full Name:

proliferation-associated 2G4, 38kDa

Calculated MW:

44 kDa

Observed MW:

38-42 kDa, 48 kDa

Purification Method:

Protein A purification

CloneNo.:

3G10D9

Applications

Tested Applications:

WB, IF, IHC, Sandwich ELISA, Indirect ELISA

Species Specificity:

human, rat, mouse

Background Information

PA2G4 (EBP1), first identified as an ErbB3 binding protein, is a 38 kDa protein that is widely expressed in cultured cells and tissues. The presence of several functional domains such as a nuclear localization sequence (NLS), LxxLL and LxCxE suggests the involvement of Ebp1 in cell signaling pathways and gene transcription regulation. This antibody is a mouse mono-clonal antibody raised against full length PA2G4 of human origin.

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

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

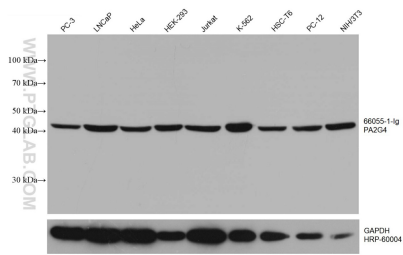
T: 4006900926

E: Proteintech-CN@ptglab.com

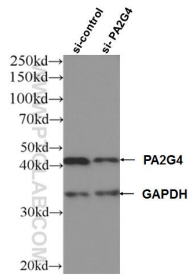
W: ptgcn.com

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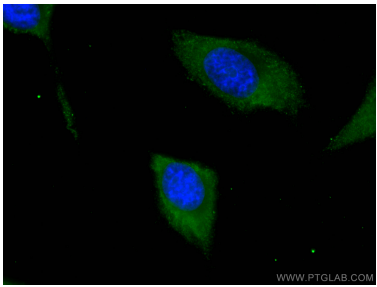
Selected Validation Data



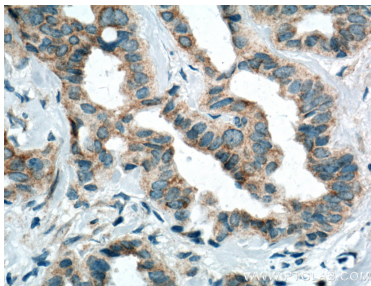
Various lysates were subjected to SDS PAGE followed by western blot with 66055-1-Ig (PA2G4 antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 66055-1-PBS in a different storage buffer formulation.



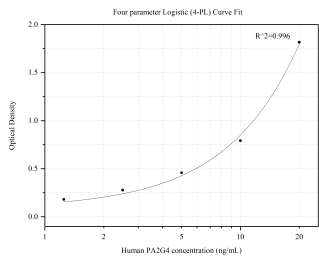
WB result of PA2G4 antibody (66055-1-Ig; 1:100000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PA2G4 transfected HEK-293 cells. This data was developed using the same antibody clone with 66055-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using PA2G4 antibody (66055-1-Ig, Clone: 3G10D9) 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 66055-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66055-1-Ig (PA2G4 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66055-1-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP50029-1, PA2G4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66055-2-PBS. Detection antibody: HRP-conjugated 66055-1-PBS. Standard: Ag7850. Range: 1.25-20 ng/mL