

For Research Use Only

Beta Arrestin 1 Monoclonal antibody



Catalog Number: 67580-1-Ig

Featured Product

Basic Information

Catalog Number:

67580-1-Ig

Size:

1000 μ g/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG7504

GenBank Accession Number:

BC003636

GeneID (NCBI):

408

UNIPROT ID:

P49407

Full Name:

arrestin, beta 1

Calculated MW:

47 kDa

Observed MW:

45-55 kDa

Purification Method:

Protein A purification

CloneNo.:

1H8E4

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : HepG2 cells, HeLa cells, NIH/3T3 cells, human peripheral blood platelets, K-562 cells, Jurkat cells, HSC-T6 cells

Background Information

β -Arrestins (ARRBs), the best known regulators of G protein-coupled receptor signaling, are versatile and multifunctional adapter proteins that regulate diverse cellular functions, including cell growth, apoptosis and immune responses. Overexpression of beta Arrestin 1 has been found in various cancers, indicating it as a potential therapeutic target for cancer treatment. Recently expression of ARRB1 in saliva has been identified as a candidate circadian biomarker. ARRB1 migrated as a doublet of two bands of 45 and 55 kDa (PMID:28947386).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

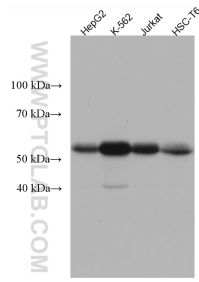
T: 4006900926

E: Proteintech-CN@ptglab.com

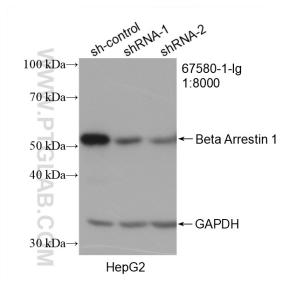
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67580-1-Ig (Arrestin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of Beta Arrestin 1 antibody (67580-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Beta Arrestin 1 transfected HepG2 cells.