

For Research Use Only

Beta Arrestin 2 Monoclonal antibody, PBS Only

Catalog Number: 68502-1-PBS



Basic Information

Catalog Number: 68502-1-PBS	GenBank Accession Number: BC007427	Purification Method: Protein G purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 409	CloneNo.: 1E8F2
Source: Mouse	UNIPROT ID: P32121	
Isotype: IgG1	Full Name: arrestin, beta 2	
Immunogen Catalog Number: AG29807	Calculated MW: 46 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Beta Arrestin 2 is a member of arrestin/beta-arrestin protein family, which are expressed at high levels in the central nervous system (CNS) and play a critical role in the regulation of G-protein coupled receptors (GPCRs) including MOR. Beta Arrestin 2 is an adaptor protein that is important for the regulation of receptors belonging to both dopaminergic and opioid systems. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors.

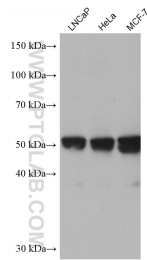
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

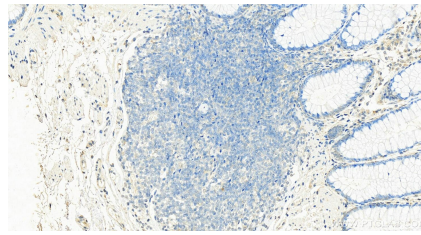
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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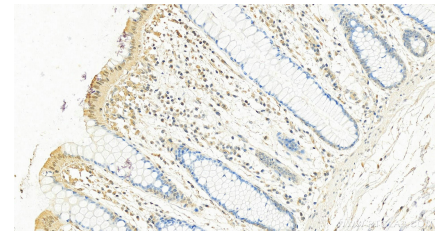
Selected Validation Data



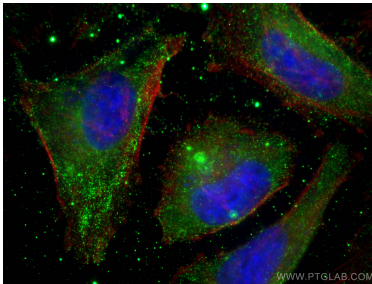
Various lysates were subjected to SDS PAGE followed by western blot with 68502-1-Ig (Beta Arrestin 2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68502-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 68502-1-Ig (Beta Arrestin 2 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68502-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 68502-1-Ig (Beta Arrestin 2 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68502-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Beta Arrestin 2 antibody (68502-1-Ig, Clone: 1E8F2) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002), CL594-phalloidin (red). This data was developed using the same antibody clone with 68502-1-PBS in a different storage buffer formulation.