

For Research Use Only

KCNQ2 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66774-1-PBS



Basic Information

Catalog Number: 66774-1-PBS	GenBank Accession Number: BC000699	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 3785	CloneNo.: 1D4A1
Source: Mouse	UNIPROT ID: O43526	
Isotype: IgG1	Full Name: potassium voltage-gated channel, KQT-like subfamily, member 2	
Immunogen Catalog Number: AG25781	Calculated MW: 96 kDa	
	Observed MW: 90 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

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

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

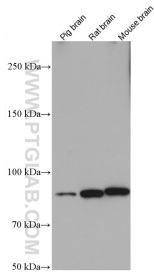
T: 4006900926

E: Proteintech-CN@ptglab.com

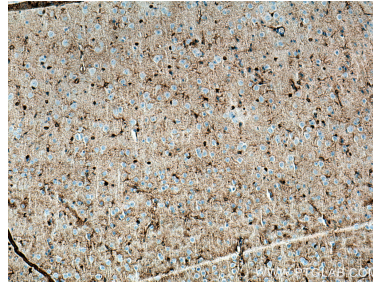
W: ptgcn.com

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

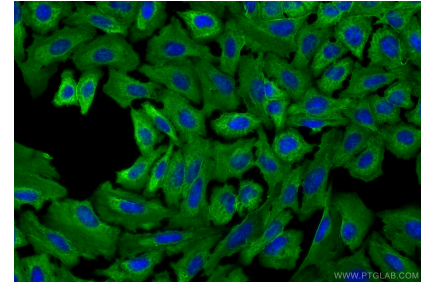
Selected Validation Data



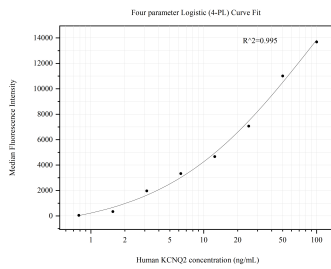
Various lysates were subjected to SDS PAGE followed by western blot with 66774-1-Ig (KCNQ2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66774-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66774-1-Ig (KCNQ2 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66774-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using KCNQ2 antibody (66774-1-Ig, Clone: 1D4A1) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 66774-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50721-2, KCNQ2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66774-4-PBS. Detection antibody: 66774-1-PBS. Standard: Ag25781. Range: 0.781-100 ng/mL.