

For Research Use Only

CoraLite® Plus 488-conjugated GRK1 Recombinant monoclonal antibody

Catalog Number: CL488-85942



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85942	BC140945	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
1000 μl, Concentration: 1000 ug/ml by Nanodrop;	6011	250433A4
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q15835	IF-P: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	G protein-coupled receptor kinase 1	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG18063	563 aa, 64 kDa	
	Observed MW:	
	64 kDa	

Applications

Tested Applications:	Positive Controls:
IF-P	
Species Specificity:	IF-P: mouse eye tissue,
human, mouse, rat	

Background Information

GRK1(G protein-coupled receptor kinase 1) is also named as RHOK, RK, GPRK1, and belongs to the AGC Ser/Thr protein kinase family. It is involved in quenching of light-induced signal transduction in the photoreceptor. GRK is a photoreceptor-specific enzyme that mediates adaptation of photoreceptors to light and protects these cells against light-induced injury.

Storage

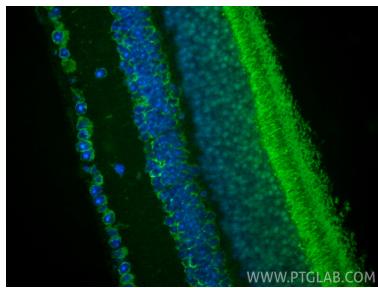
Storage: Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer: PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse eye tissue using Coralite® Plus 488 GRK1 antibody (CL488-85942, Clone: 250433A4) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).