

For Research Use Only

ISLR2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84076-1-PBS



Basic Information

Catalog Number: 84076-1-PBS	GenBank Accession Number: BC152429	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57611	CloneNo.: 241227D3
Source: Rabbit	UNIPROT ID: Q6UXK2	
Isotype: IgG	Full Name: immunoglobulin superfamily containing leucine-rich repeat 2	
Immunogen Catalog Number: AG20505	Calculated MW: 745 aa, 79 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84076-1-PBS targets ISLR2 as part of a matched antibody pair:

MP00978-1: 84076-1-PBS capture and 84076-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

ISLR2 (immunoglobulin superfamily containing leucine rich repeat 2), also known as LINX. It is expected to be located in cell membrane and the protein is mainly expressed in brain and testis. While the first knockout mouse had impaired development of the internal capsule and no hydrocephalus, a much more recent independent knockout mouse was shown to additionally have severe hydrocephalus. Although the mechanism remains unclear, it may be related to the role of ISLR2 in reorganizing the cytoskeleton of developing neurons (PMID: 30483960). The calculated molecular weight of ISLR2 is 79 kDa, this target has phosphorylation modification and glycosylation modification. And the 130 kDa band is glycosylated (PMID: 29739947).

Storage

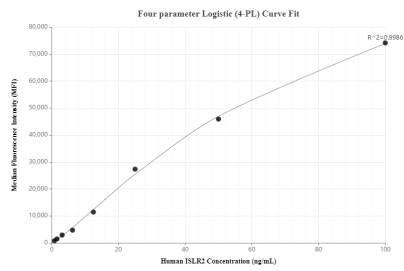
Storage:
Store at -80°C.

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

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

Selected Validation Data



Cytometric bead array standard curve of MP00978-1, ISLR2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84076-1-PBS. Detection antibody: 84076-2-PBS. Standard: Ag20505. Range: 0.781-100 ng/mL.