

For Research Use Only

TCP11L2 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83227-1-PBS

Basic Information

Catalog Number: 83227-1-PBS	GenBank Accession Number: BC033617	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 255394	CloneNo.: 240096F6
Source: Rabbit	UNIPROT ID: Q8N4U5	
Isotype: IgG	Full Name: t-complex 11 (mouse)-like 2	
Immunogen Catalog Number: AG11185	Calculated MW: 519 aa, 58 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA, WB

Species Specificity:
canine, human

Background Information

TCP11L2 is a protein containing a serine-rich region in its N-terminal region. It is a member of the TCP11 family, which includes SOK1, TCP11L1, and TCP11L2. TCP11L2 has a role in the migration and differentiation of skeletal muscle-derived satellite cells. It has been shown that Tcp11l2 expression gradually increased during the differentiation of bovine muscle-derived satellite cells. (PMID: 32017087)

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:

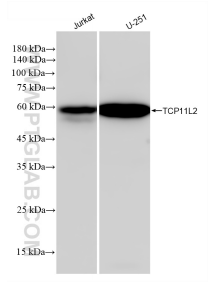
T: 4006900926

E: Proteintech-CN@ptglab.com

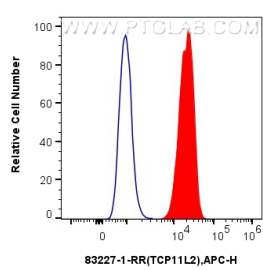
W: ptgcn.com

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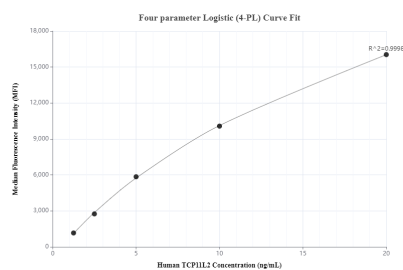
Selected Validation Data



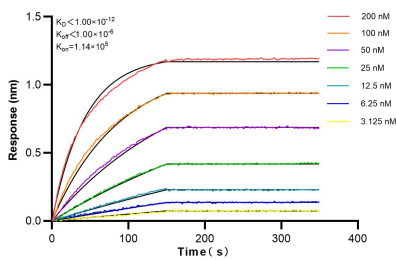
Various lysates were subjected to SDS PAGE followed by western blot with 83227-1-RR (TCP11L2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83227-1-PBS in a different storage buffer formulation.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug TCP11L2 Recombinant antibody (83227-1-RR, Clone:240096F6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83227-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve ofMP00177-1, TCP11L2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83227-1-PBS. Detection antibody: 83227-2-PBS. Standard: Ag11185. Range: 1.25-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83327-1-RR against Human TCP11L2 were performed. The affinity constant is below 1 pM.