

For Research Use Only

CLSTN3 Monoclonal antibody, PBS Only (Detector)



Catalog Number: 68855-2-PBS

Basic Information

Catalog Number: 68855-2-PBS	GenBank Accession Number: BC039075	Purification Method: Protein G Magarose purification
Size: 1 mg/ml	GeneID (NCBI): 9746	CloneNo.: 1A3C3
Source: Mouse	UNIPROT ID: Q9BQT9	
Isotype: IgG1	Full Name: calsyntenin 3	
Immunogen Catalog Number: AG14897	Calculated MW: 968 aa, 107 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

Calsyntenins, also called alcadeins, are cadherin superfamily proteins first identified as synaptic proteins (PMID: 11161476; 12498782). Calsyntenins are type I transmembrane proteins with extracellular domains containing two cadherin repeats and an LNS (laminin, neurexin, sex hormone-binding globulin) domain (PMID: 24613359). Calsyntenin-3 (CLSTN3, also known as alcadein-beta) is a synapse-organizing protein that promotes the development of synapses. It is a postsynaptic adhesion molecule that binds to presynaptic neurexins to mediate both excitatory and inhibitory synapse formation (PMID: 25352602; 24613359).

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:

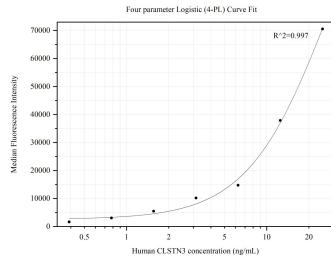
T: 4006900926

E: Proteintech-CN@ptglab.com

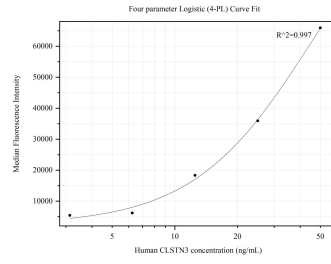
W: ptgcn.com

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Selected Validation Data



Cytometric bead array standard curve of MP50250-1, CLSTN3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68855-1-PBS. Detection antibody: 68855-2-PBS. Standard:Ag14897. Range: 0.391-25 ng/mL



Cytometric bead array standard curve of MP50250-2, CLSTN3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68855-3-PBS. Detection antibody: 68855-2-PBS. Standard:Ag14897. Range: 3.125-50 ng/mL