

For Research Use Only

PEX1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85429-1-PBS



Basic Information

Catalog Number: 85429-1-PBS	GenBank Accession Number: BC035575	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5189	CloneNo.: 242994C9
Source: Rabbit	UNIPROT ID: O43933	
Isotype: IgG	Full Name: peroxisomal biogenesis factor 1	
Immunogen Catalog Number: AG4623	Calculated MW: 1283 aa, 143 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85429-1-PBS targets PEX1 as part of a matched antibody pair:

MP01946-1: 85429-1-PBS capture and 85429-3-PBS detection (validated in Cytometric bead array)

MP01946-2: 85429-1-PBS capture and 85429-2-PBS detection (validated in Cytometric bead array)

MP01946-3: 85429-1-PBS capture and 85429-5-PBS detection (validated in Sandwich ELISA)

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

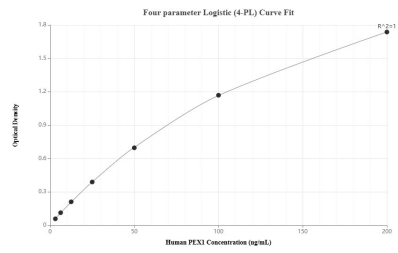
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

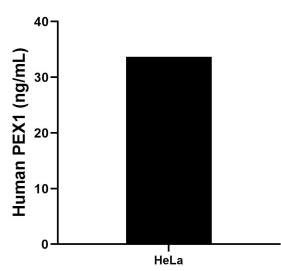
E: proteintech@ptglab.com
W: ptglab.com

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

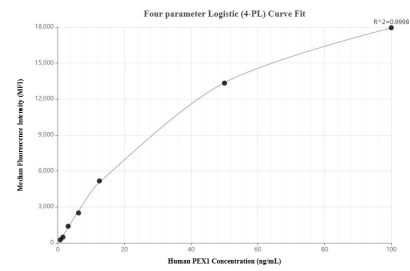
Selected Validation Data



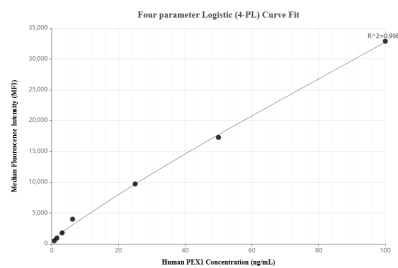
Sandwich ELISA standard curve of MP01946-3, Human PEX1 Recombinant Matched Antibody Pair - PBS only. 85429-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4623. 85429-5-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL



The mean PEX1 concentration was determined to be 33.68 ng/mL in HeLa cell extract based on a 2.1 mg/mL extract load.



Cytometric bead array standard curve of MP01946-2, PEX1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85429-1-PBS. Detection antibody: 85429-2-PBS. Standard: Ag4623. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP01946-1, PEX1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85429-1-PBS. Detection antibody: 85429-3-PBS. Standard: Ag4623. Range: 0.781-100 ng/mL