

For Research Use Only

CBX5 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83258-2-PBS



Basic Information

Catalog Number: 83258-2-PBS	GenBank Accession Number: BC006821	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 23468	CloneNo.: 240145G5
Source: Rabbit	UNIPROT ID: P45973	
Isotype: IgG	Full Name: chromobox homolog 5 (HP1 alpha homolog, Drosophila)	
Immunogen Catalog Number: AG34810	Calculated MW: 191 aa, 22 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83258-2-PBS targets CBX5 as part of a matched antibody pair:

MP00181-1: 83258-2-PBS capture and 83258-4-PBS detection (validated in Cytometric bead array)

MP00181-3: 83258-2-PBS capture and 83258-5-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.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

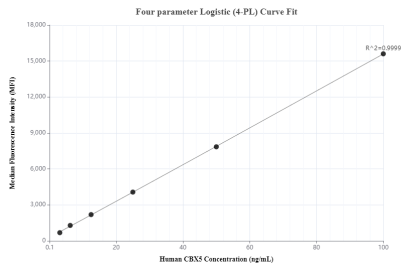
For technical support and original validation data for this product please contact:

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

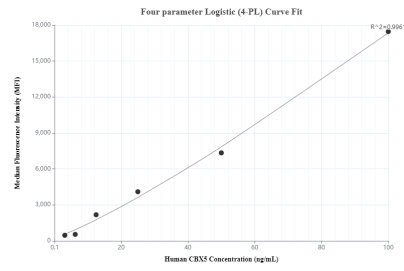
E: proteintech@ptglab.com
W: ptglab.com

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

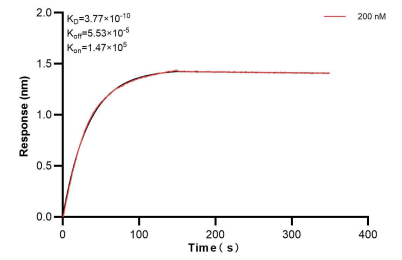
Selected Validation Data



Cytometric bead array standard curve of MP00181-1, CBX5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83258-2-PBS. Detection antibody: 83258-4-PBS. Standard: Ag34810. Range: 3.125-100 ng/mL.



Cytometric bead array standard curve of MP00181-3, CBX5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83258-2-PBS. Detection antibody: 83258-5-PBS. Standard: Ag34810. Range: 3.125-100 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 83258-2-PBS against Human CBX5 was performed. The affinity constant is 0.377 nM.