

For Research Use Only

CD45 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84405-3-PBS



Basic Information

Catalog Number: 84405-3-PBS	GenBank Accession Number: GeneID (NCBI): 5788	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	ENSEMBL Gene ID: ENSG00000081237	CloneNo.: 241671A10
Source: Rabbit	Full Name: protein tyrosine phosphatase, receptor type, C	
Isotype: IgG		

Applications

Tested Applications:
IHC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84405-3-PBS targets CD45 as part of a matched antibody pair:

MP01280-1: 84405-4-PBS capture and 84405-3-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

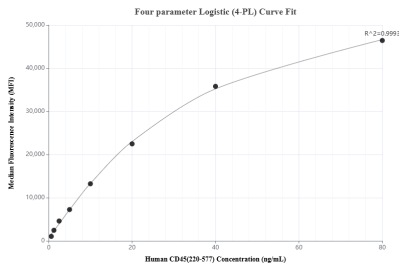
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

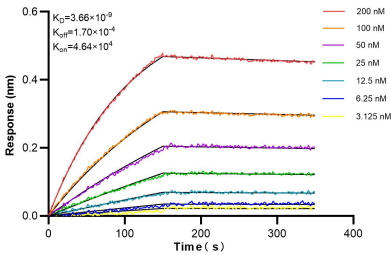
Selected Validation Data

Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84405-3-RR (CD45 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84405-3-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84405-3-RR (CD45 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84405-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01280-1, CD45 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84405-4-PBS. Detection antibody: 84405-3-PBS. Standard: Eg2486. Range: 0.625-80 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 84405-3-RR against Human CD45 were performed. The affinity constant is 3.66 nM.