

For Research Use Only

S100B Recombinant antibody, PBS Only (Detector)

Catalog Number: 82271-11-PBS



Basic Information

Catalog Number: 82271-11-PBS	GenBank Accession Number: BC001766	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6285	CloneNo.: 230169B2
Source: Rabbit	UNIPROT ID: P04271	
Isotype: IgG	Full Name: S100 calcium binding protein B	
Immunogen Catalog Number: AG7440	Calculated MW: 11 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

82271-11-PBS targets S100B as part of a matched antibody pair:

MP01165-1: 82271-12-PBS capture and 82271-11-PBS detection (validated in Cytometric bead array)

MP01165-2: 82271-10-PBS capture and 82271-11-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

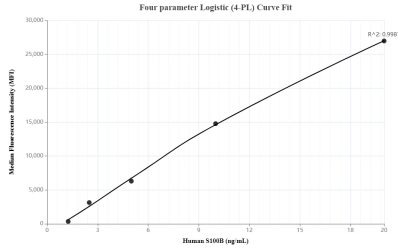
For technical support and original validation data for this product please contact:

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

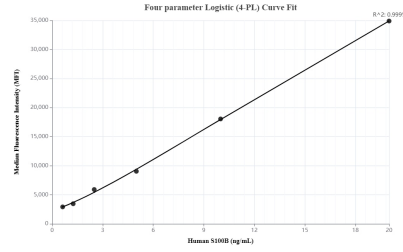
E: proteintech@ptglab.com
W: ptglab.com

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

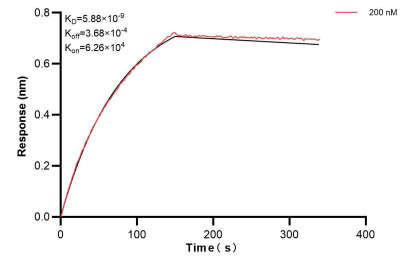
Selected Validation Data



Cytometric bead array standard curve of MP01165-1, S100B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82271-12-PBS. Detection antibody: 82271-11-PBS. Standard: Ag7440. Range: 1.25-20 ng/mL.



Cytometric bead array standard curve of MP01165-2, S100B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82271-10-PBS. Detection antibody: 82271-11-PBS. Standard: Ag7440. Range: 0.625-20 ng/mL.



Bi-layer interferometry (BLI) kinetic assay of 82271-11-PBS against Human S100B was performed. The affinity constant is 5.88 nM.