

For Research Use Only

DHRS3 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83581-3-PBS

Basic Information

Catalog Number: 83581-3-PBS	GenBank Accession Number: BC002730	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9249	CloneNo.: 240545D8
Source: Rabbit	UNIPROT ID: O75911	
Isotype: IgG	Full Name: dehydrogenase/reductase (SDR family) member 3	
Immunogen Catalog Number: AG7589	Calculated MW: 34 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Product Information

83581-3-PBS targets DHRS3 as part of a matched antibody pair:

MP00554-1: 83581-2-PBS capture and 83581-3-PBS detection (validated in Cytometric bead array)

MP00554-3: 83581-1-PBS capture and 83581-3-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

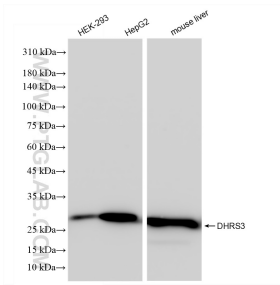
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

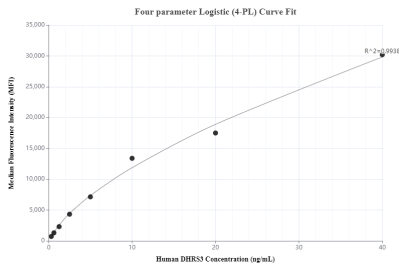
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

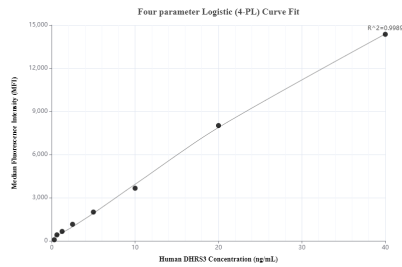
Selected Validation Data



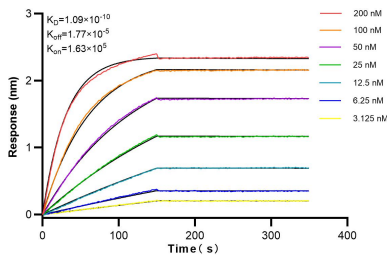
Various lysates were subjected to SDS PAGE followed by western blot with 83581-3-RR (DHR53 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83581-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00554-1, DHR53 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83581-2-PBS. Detection antibody: 83581-3-PBS. Standard: Ag7589. Range: 0.313-40 ng/mL.



Cytometric bead array standard curve of MP00554-3, DHR53 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83581-1-PBS. Detection antibody: 83581-3-PBS. Standard: Ag7589. Range: 0.313-40 ng/mL.



Bioluminescence resonance energy transfer (BLI) kinetic assays of 83548-3-RR against Human GHITM were performed. The affinity constant is 2.41 nM. Bioluminescence resonance energy transfer (BLI) kinetic assays of 83581-3-RR against Human DHR53 were performed. The affinity constant is 0.109 nM.