

For Research Use Only

ALDH3A1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85725-4-PBS



Basic Information

Catalog Number: 85725-4-PBS	GenBank Accession Number: BC004370	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 218	CloneNo.: 243134D11
Source: Rabbit	UNIPROT ID: P30838	
Isotype: IgG	Full Name: aldehyde dehydrogenase 3 family, memberA1	
Immunogen Catalog Number: AG7977	Calculated MW: 50 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

85725-4-PBS targets ALDH3A1 as part of a matched antibody pair:

MP02087-1: 85725-4-PBS capture and 85725-3-PBS detection (validated in Cytometric bead array)

MP02087-2: 85725-4-PBS capture and 85725-2-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

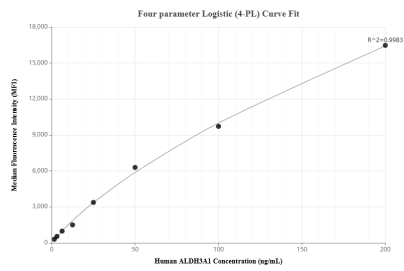
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

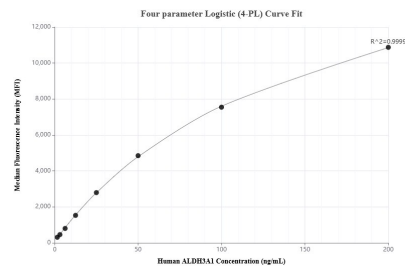
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

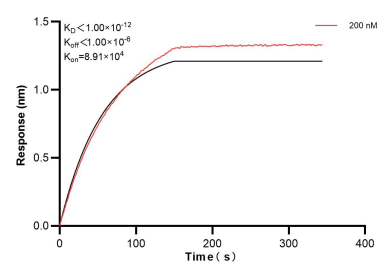
Selected Validation Data



Cytometric bead array standard curve of MP02087-1, ALDH3A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85725-4-PBS. Detection antibody: 85725-3-PBS. Standard: Ag7977. Range: 1.563-200 ng/mL.



Cytometric bead array standard curve of MP02087-2, ALDH3A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85725-4-PBS. Detection antibody: 85725-2-PBS. Standard: Ag7977. Range: 1.563-200 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 85725-4-PBS against Human ALDH3A1 was performed. The affinity constant is below 1 pM.