For Research Use Only

## ALDH3A1 Recombinant antibody, PBS Only (Capture)

Catalog Number:85725-4-PBS



**Purification Method:** 

Protein A purification

CloneNo.:

243134D11

**Basic Information** 

Catalog Number: GenBank Accession Number:

85725-4-PBS BC004370

GeneID (NCBI): Size: 100ug, Concentration: 1 mg/ml by

Nanodrop: **UNIPROT ID:** P30838 Rabbit Full Name:

Isotype: aldehyde dehydrogenase 3 family,

memberA1 IgG Immunogen Catalog Number: Calculated MW: AG7977 50 kDa

**Applications** 

**Tested Applications:** 

Cytometric bead array, Indirect ELISA

Species Specificity:

**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.

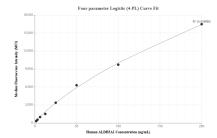
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

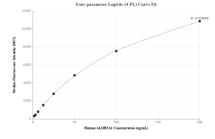
Storage

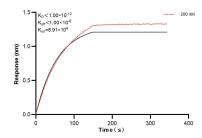
Storage: Store at -80°C. Storage Buffer:

PBS only, pH7.3

## 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.