IL-1 beta Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:**82696-5-PBS**

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
82696-5-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC008678

GeneID (NCBI):
3553

ENSEMBL Gene ID:
ENSG00000125538

UNIPROT ID:
P01584

Full Name:
interleukin 1, beta

Calculated MW:
269 aa, 31 kDa

Purification Method:
Protein A purification

CloneNo.:
2E22

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

82696-5-PBS targets IL-1 beta as part of a matched antibody pair:

MP00331-1: 82696-7-PBS capture and 82696-5-PBS detection (validated in Cytometric bead array)

MP80001-4: 82696-5-PBS capture and 68767-2-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.
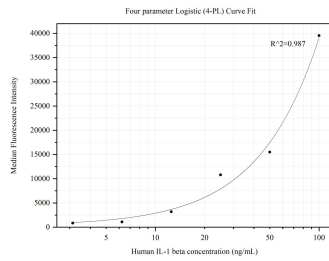
Storage

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

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

R^2=0.987

Median Fluorescence Intensity

Human IL-1 beta concentration (ng/mL)

Four parameter Logistic (4-PL) Curve Fit

R^2=0.999

Median Fluorescence Intensity

Human IL-1 beta concentration (ng/mL)

Cytometric bead array standard curve of MP80001-4, IL-1 beta Hybrid Matched Antibody Pair, PBS Only. Capture antibody: 82696-5-RR. Detection antibody: 68767-2-PBS. Standard:HZ-1164. Range:3.125-100 ng/mL.
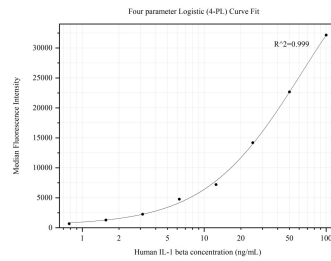
Cytometric bead array standard curve of MP00331-1, IL-1 beta Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82696-7-PBS. Detection antibody: 82696-5-PBS. Standard:HZ-1164. Range: 0.781-100 ng/mL.