CHI3L1/YKL40 Recombinant antibody, PBS Only (Detector)

Catalog Number:83685-3-PBS

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

Basic Information

Catalog Number:
83685-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG33123

GenBank Accession Number:
BC008568

GeneID (NCBI):
1116

UNIPROT ID:
P36222

Full Name:
chitinase 3-like 1 (cartilage glycoprotein-39)

Calculated MW:
383 aa, 43 kDa

Purification Method:
Protein A purification

CloneNo.:
240691E3

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83685-3-PBS targets CHI3L1/YKL40 as part of a matched antibody pair:

MP00663-2: 83685-1-PBS capture and 83685-3-PBS detection (validated in Cytometric bead array)

MP00663-3: 83685-2-PBS capture and 83685-3-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.
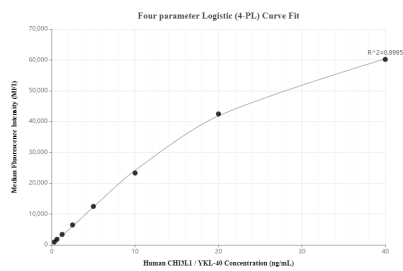
Storage

Storage:
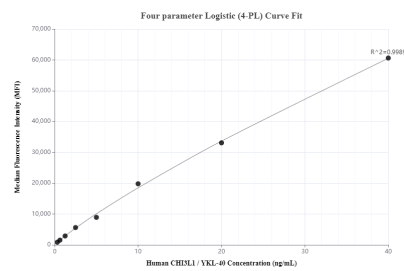Store at -80℃.
Storage Buffer:
PBS Only

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9995

Median Fluorescence Intensity (MFI)

Human CHI3L1 / YKL-40 Concentration (ng/mL)

Cytometric bead array standard curve of MP00663-2, CHI3L1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83685-1-PBS. Detection antibody: 83685-3-PBS. Standard: Ag33123. Range: 0.313-40 ng/mL.

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9989

Median Fluorescence Intensity (MFI)

Human CHI3L1 / YKL-40 Concentration (ng/mL)

Cytometric bead array standard curve of MP00663-3, CHI3L1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83685-2-PBS. Detection antibody: 83685-3-PBS. Standard: Ag33123. Range: 0.313-40 ng/mL.