MMP-9 Recombinant antibody, PBS Only (Detector)

Catalog Number:82685-19-PBS

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

Basic Information

Catalog Number:
82685-19-PBS

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

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC006093

GeneID (NCBI):
4318

UNIPROT ID:
P14780

Full Name:
matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)

Calculated MW:
707 aa, 78 kDa

Purification Method:
Protein A purification

CloneNo.:
241224E6

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

82685-19-PBS targets MMP-9 as part of a matched antibody pair:

MP01003-1: 82685-18-PBS capture and 82685-19-PBS detection (validated in Cytometric bead array)

MP01003-3: 82685-17-PBS capture and 82685-19-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:
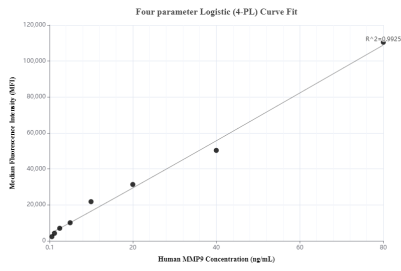Store at -80℃.
Storage Buffer:
PBS Only

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9925

Median Fluorescence Intensity (MFI)

Human MMP9 Concentration (ng/mL)

Cytometric bead array standard curve of MP01003-1, MMP-9 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82685-18-PBS. Detection antibody: 82685-19-PBS. Standard: Eg0442. Range: 0.625-80 ng/mL.

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9979

Median Fluorescence Intensity (MFI)

Human MMP9 Concentration (ng/mL)
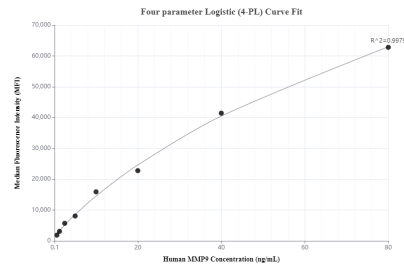
Cytometric bead array standard curve of MP01003-3, MMP-9 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82685-17-PBS. Detection antibody: 82685-19-PBS. Standard: Eg0442. Range: 0.625-80 ng/mL.