

For Research Use Only

Factor IX/PTC Recombinant antibody, PBS Only (Detector)

Catalog Number: 84533-2-PBS



Basic Information

Catalog Number:

84533-2-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000133.4

GeneID (NCBI):

2158

UNIPROT ID:

P00740-1

Full Name:

coagulation factor IX

Calculated MW:

52kDa

Purification Method:

Protein A purification

CloneNo.:

241742E12

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:

human

Product Information

84533-2-PBS targets Factor IX/PTC as part of a matched antibody pair:

MP01390-1: 84533-3-PBS capture and 84533-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01390-2: 84533-1-PBS capture and 84533-2-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

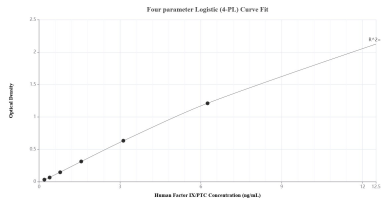
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

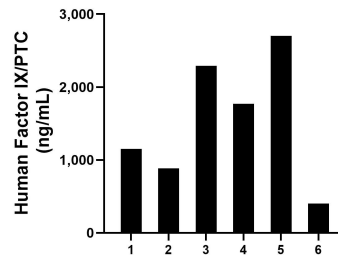
E: proteintech@ptglab.com
W: ptglab.com

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

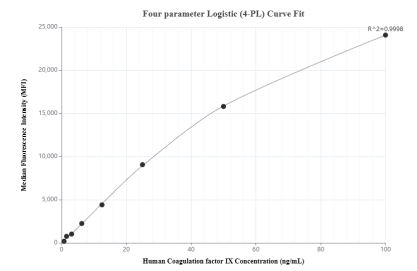
Selected Validation Data



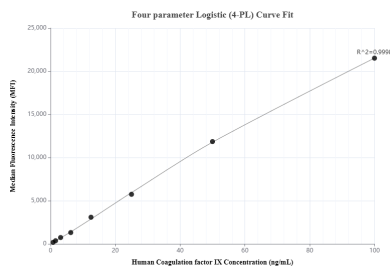
Sandwich ELISA standard curve of MP01390-1, Human Factor IX/PTC Recombinant Matched Antibody Pair - PBS only. 84533-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1045. 84533-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



Serum of six individual healthy human donors was measured. The Factor IX/PTC concentration of detected samples was determined to be 1,533.17 ng/mL with a range of 401.21-2,700.28 ng/mL



Cytometric bead array standard curve of MP01390-1, Factor IX Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84533-3-PBS. Detection antibody: 84533-2-PBS. Standard: Eg1045. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP01390-2, Factor IX Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84533-1-PBS. Detection antibody: 84533-2-PBS. Standard: Eg1045. Range: 0.781-100 ng/mL