For Research Use Only

Human IgG4 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87290-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87290-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG6675

GenBank Accession Number:

GeneID (NCBI):
3503

Full Name:
immunoglobulin heavy constant gamma 4 (G4m marker)

Purification Method:
Protein A purification

CloneNo.:
251291B12

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87290-2-PBS targets Human IgG4 as part of a matched antibody pair:

MP02951-1: 87290-2-PBS capture and 87290-1-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.

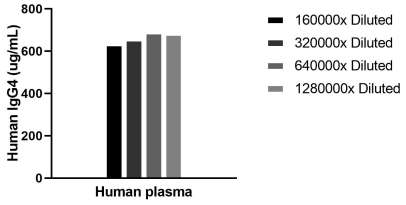
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

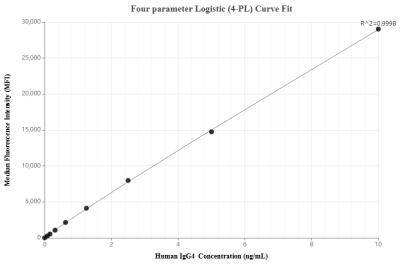
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean IgG4 concentration was determined to be 663.4 ug/mL in Human plasma.



Cytometric bead array standard curve of MP02951-1, IgG4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87290-2-PBS. Detection antibody: 87290-1-PBS. Standard: Eg6675. Range: 0.078-10 ng/mL.