

For Research Use Only

FGR Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:83352-3-PBS



Basic Information

Catalog Number: 83352-3-PBS	GenBank Accession Number: NM_005248	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2268	CloneNo.: 240275F7
Source: Rabbit	UNIPROT ID: P09769	
Isotype: IgG	Full Name: Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog	
Immunogen Catalog Number: AG34944	Calculated MW: 59 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:
human

Product Information

83352-3-PBS targets FGR as part of a matched antibody pair:

MP00370-1: 83352-1-PBS capture and 83352-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00370-2: 83352-3-PBS capture and 83352-2-PBS detection (validated in Cytometric bead array)

MP00370-3: 83352-4-PBS capture and 83352-3-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

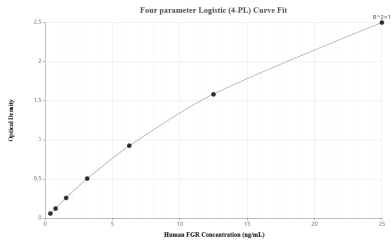
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

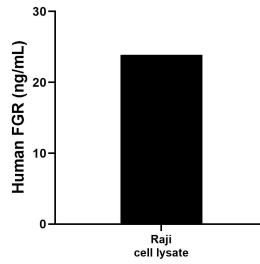
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

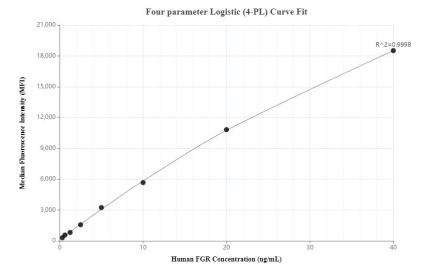
Selected Validation Data



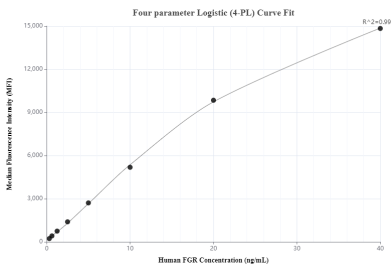
Sandwich ELISA standard curve of MP00370-1, Human FGR Recombinant Matched Antibody Pair - PBS only. 83352-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag34944. 83352-3-PBS was HRP conjugated as the detection antibody. Range: 0.0781-25 ng/mL



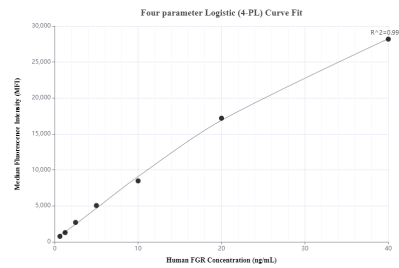
Raji cell lysate was measured. The human FGR concentration of detected samples was determined to be 23.90 ng/mL (based on a 1.2 mg/mL extract load).



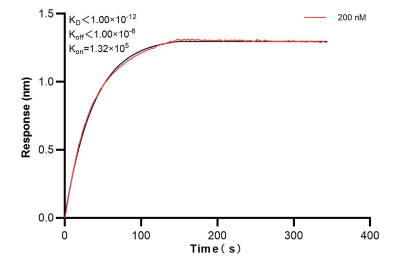
Cytometric bead array standard curve of MP00370-1, FGR Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83352-1-PBS. Detection antibody: 83352-3-PBS. Standard: Ag34944. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00370-2, FGR Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83352-3-PBS. Detection antibody: 83352-2-PBS. Standard: Ag34944. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00370-3, FGR Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83352-4-PBS. Detection antibody: 83352-3-PBS. Standard: Ag34944. Range: 0.625-40 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 83352-3-PBS against Human FGR was performed. The affinity constant is below 1 pM.