

For Research Use Only

FABP3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86511-2-PBS



Basic Information

Catalog Number: 86511-2-PBS	GenBank Accession Number: BC007021	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2170	CloneNo.: 251339D2
Source: Rabbit	UNIPROT ID: P05413	
Isotype: IgG	Full Name: fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)	
Immunogen Catalog Number: AG1069	Calculated MW: 15 kDa	

Applications

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

Species Specificity:
human

Product Information

86511-2-PBS targets FABP3 as part of a matched antibody pair:

MP02478-1: 86511-2-PBS capture and 86511-1-PBS detection (validated in Cytometric bead array)

MP02478-2: 86511-2-PBS capture and 86511-4-PBS detection (validated in Sandwich ELISA)

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

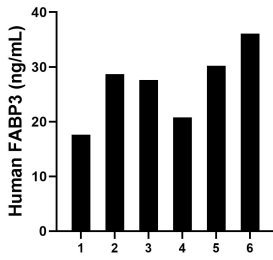
For technical support and original validation data for this product please contact:

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

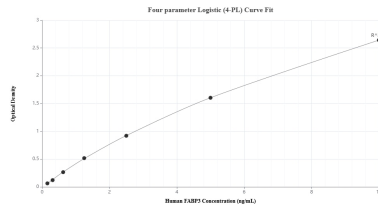
E: proteintech@ptglab.com
W: ptglab.com

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

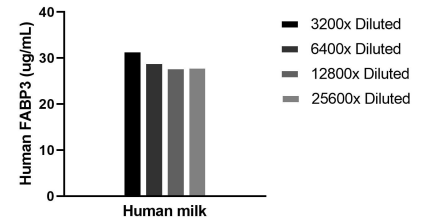
Selected Validation Data



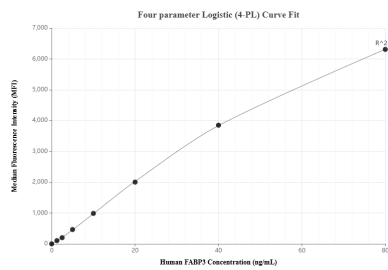
Plasma of six individual healthy human donors was measured. The human FABP3 concentration of detected samples was determined to be 26.83 ng/mL with a range of 17.62 - 36.09 ng/mL.



Sandwich ELISA standard curve of MP02478-2, Human FABP3 Recombinant Matched Antibody Pair - PBS only. 86511-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1069. 86511-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean FABP3 concentration was determined to be 29.2 ug/mL in Human milk.



Cytometric bead array standard curve of MP02478-1, FABP3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86511-2-PBS. Detection antibody: 86511-1-PBS. Standard: Ag1069. Range: 1.25-80 ng/mL.