

For Research Use Only

FADS2-Specific Recombinant antibody, PBS Only (Capture)

Catalog Number: 84527-1-PBS



Basic Information

Catalog Number: 84527-1-PBS	GenBank Accession Number: BC009011	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9415	CloneNo.: 241863E8
Source: Rabbit	UNIPROT ID: O95864	
Isotype: IgG	Full Name: fatty acid desaturase 2	
Immunogen Catalog Number: AG27715	Calculated MW: 445 aa, 49 kDa	

Applications

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

Species Specificity:
human

Product Information

84527-1-PBS targets FADS2-Specific as part of a matched antibody pair:

MP01384-1: 84527-1-PBS capture and 84527-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01384-2: 84527-1-PBS capture and 84527-2-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

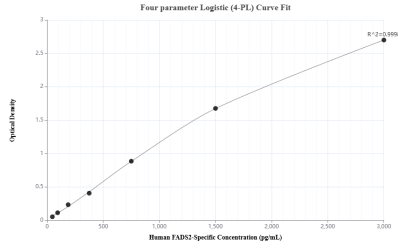
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

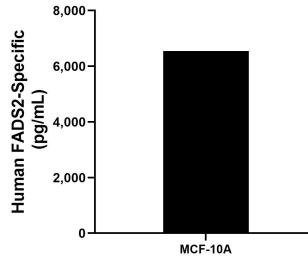
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

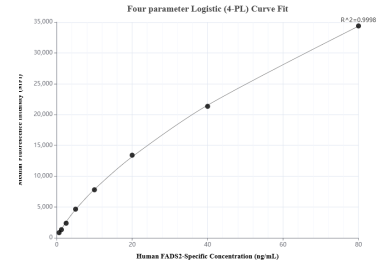
Selected Validation Data



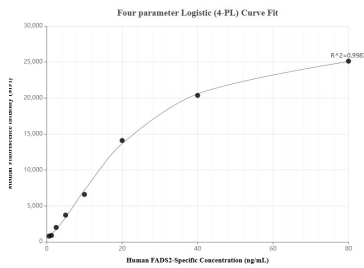
Sandwich ELISA standard curve of MP01384-1, Human FADS2 Recombinant Matched Antibody Pair - PBS only. 84527-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag27715. 84527-3-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL



The mean FADS2 concentration was determined to be 6,549.3 pg/mL in MCF-10A cell extract based on a 1.3 mg/mL extract load.



Cytometric bead array standard curve of MP01384-1, FADS2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84527-1-PBS. Detection antibody: 84527-3-PBS. Standard: Ag27715. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP01384-2, FADS2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84527-1-PBS. Detection antibody: 84527-2-PBS. Standard: Ag27715. Range: 0.625-80 ng/mL