

For Research Use Only

USF2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87636-2-PBS



Basic Information

Catalog Number: 87636-2-PBS	GenBank Accession Number: BC049821	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7392	CloneNo.: 252980H8
Source: Rabbit	UNIPROT ID: Q15853	
Isotype: IgG	Full Name: upstream transcription factor 2, c-fos interacting	
Immunogen Catalog Number: AG9866	Calculated MW: 346 aa, 37 kDa	

Applications

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

Species Specificity:
human

Product Information

87636-2-PBS targets USF2 as part of a matched antibody pair:

MP03136-1: 87636-2-PBS capture and 87636-3-PBS detection (validated in Cytometric bead array)

MP03136-2: 87636-2-PBS capture and 87636-5-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

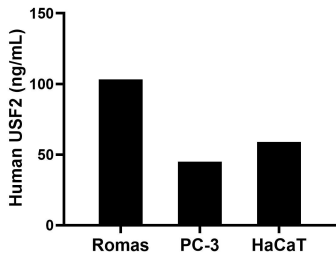
For technical support and original validation data for this product please contact:

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

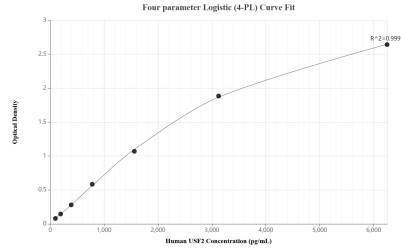
E: proteintech@ptglab.com
W: ptglab.com

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

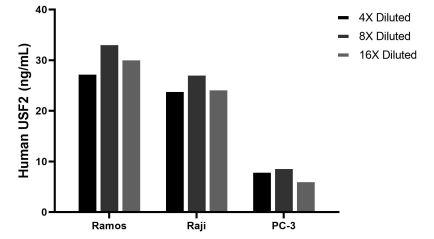
Selected Validation Data



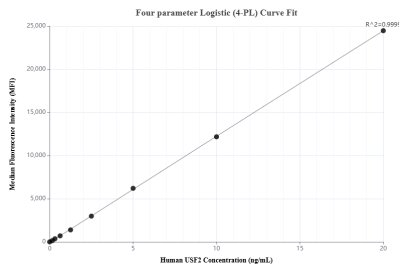
The mean USF2 concentration was determined to be 103.2 ng/mL in Ramos cell extract based on a 1.5 mg/mL extract load, 44.9 ng/mL in PC-3 cell extract based on a 1.5 mg/mL extract load and 59.0 ng/mL in HaCaT cell extract based on a 1.4 mg/mL extract load.



Sandwich ELISA standard curve of MP03136-2, Human USF2 Recombinant Matched Antibody Pair - PBS only. 87636-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9866. 87636-5-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL



The mean USF2 concentration was determined to be 30.4 ng/mL in Ramos cell extract based on a 1.2 mg/mL extract load, 25.3 ng/mL in Raji cell extract based on a 1.2 mg/mL extract load, 7.8 ng/mL in PC-3 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03136-1, USF2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87636-2-PBS. Detection antibody: 87636-3-PBS. Standard: Ag9866. Range: 0.156-20 ng/mL