For Research Use Only

FOS Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86363-6-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
86363-6-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG24340

GenBank Accession Number:
BC004490

GeneID (NCBI):
2353

UNIPROT ID:
P01100

Full Name:
FOS

Calculated MW:
41 kDa

Purification Method:
Protein A purification

CloneNo.:
250878G4

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86363-6-PBS targets FOS as part of a matched antibody pair:

MP02414-2: 86363-5-PBS capture and 86363-6-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.

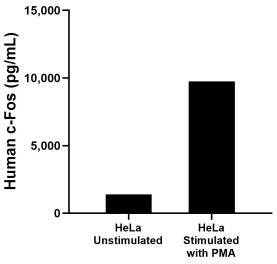
Storage

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

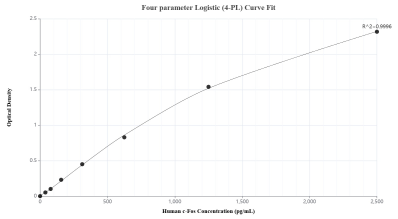
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

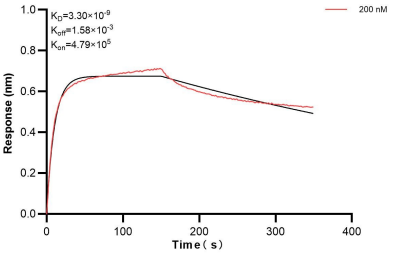
Selected Validation Data



HeLa cells were cultured unstimulated or stimulated with 200 nM PMA for 30 minutes. The mean c-Fos concentration was determined to be 1,396.8 pg/mL in unstimulated HeLa cell extract based on a 1.8 mg/mL extract load, 9,734.4 pg/mL in PMA stimulated HeLa cell extract based on a 1.6 mg/mL extract load.



Sandwich ELISA standard curve of MP02414-2, Human c-Fos Recombinant Matched Antibody Pair - PBS only. 86363-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag24340. 86363-6-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



Biolayer interferometry (BLI) kinetic assay of 86363-6-PBS against Human FOS was performed. The affinity constant is 3.3 nM.