

E2F1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03288-1**

Capture Antibody Information

Catalog Number: 87313-1-PBS	Clone ID: 252660F3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: E2F transcription factor 1
Isotype: IgG	GenBank: BC050369	Gene ID: 1869
Purification Method: Protein A purification	Immunogen Catalog Number: Ag17363	

Detection Antibody Information

Catalog Number: 87313-7-PBS	Clone ID: 252660G9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: E2F transcription factor 1
Isotype: IgG	GenBank: BC050369	Gene ID: 1869
Purification Method: Protein A purification	Immunogen Catalog Number: Ag17363	

Applications

Tested Applications: Sandwich ELISA	Range: 31.3-1000 pg/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP03288-1 targets E2F1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: E2F1 Recombinant monoclonal antibody, PBS Only (Capture) 87313-1-PBS (252660F3). 100 µg. Concentration 1 mg/mL.

Detection antibody: E2F1 Recombinant monoclonal antibody, PBS Only (Detector) 87313-7-PBS (252660G9). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

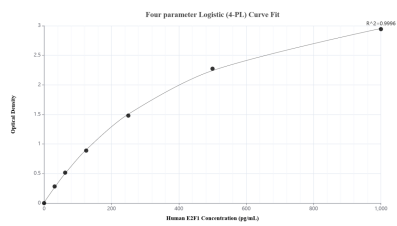
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

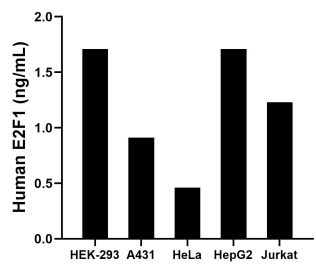
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP03288-1, Human E2F1 Recombinant Matched Antibody Pair - PBS only. 87313-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17363. 87313-7-PBS was HRP conjugated as the detection antibody. Range: 31.3-1000 pg/mL



The mean E2F1 concentration was determined to be 1.7 ng/mL in HEK-293 cell extract based on a 1.5 mg/mL extract load, 0.9 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 0.5 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 1.7 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 1.2 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.