

## Anti-E2F1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

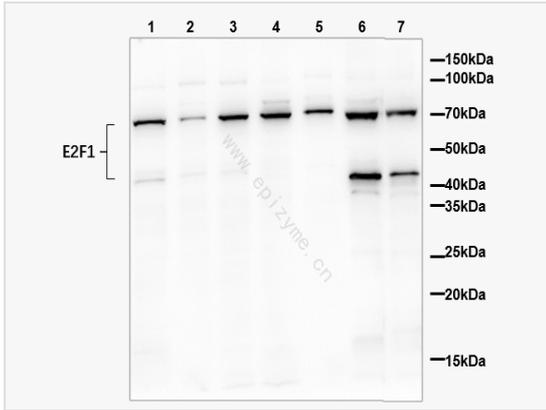
Catalog # R012010

### Product Information

Application	ELISA, IHC-P/IF (Tissue-P), WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	66L08K34
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human E2F1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-E2F1 antibody [66L08K34] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	E2F1, RBBP3, Transcription factor E2F1, E2F-1, PBR3, Retinoblastoma-associated protein 1, RBAP-1, Retinoblastoma-binding protein 3, RBBP-3, pRB-binding protein E2F-1.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 47 kDa, 70 kDa
Uniprot ID	Q01094
Gene ID	1869
Background	The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses.



Western Blot - Anti-E2F1 Rabbit mAb [66L08K34]

All lanes: R012010 at 1:1,000 dilution

Lane 1: HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: Jurkat (human T lymphocytic leukemia cell) whole cell lysates

Lane 3: HCT116 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 5: U2OS (human osteosarcoma epithelial cell) whole cell lysates

Lane 6: Rat brainwhole tissue lysates

Lane 7: Balb/c mouse brain whole tissue lysates

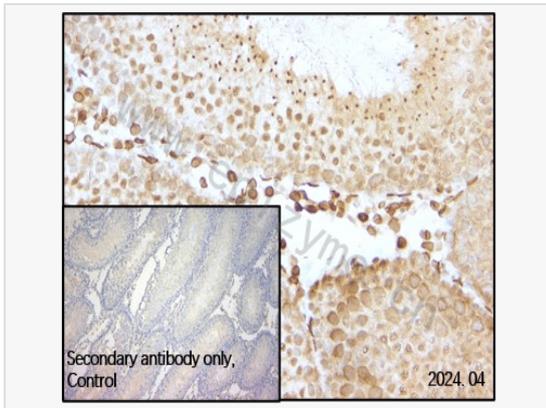
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 47 kDa

Observed band size: 47 kDa, 70 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-E2F1 Rabbit mAb [66L08K34]

Sample: Paraformaldehyde-fixed, paraffin embedded rat testis tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R012010 at 1:200 dilution

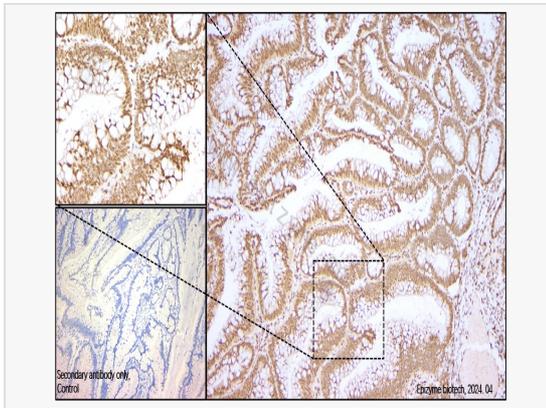
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-E2F1 Rabbit mAb [66L08K34]

Sample: Paraformaldehyde-fixed, paraffin embedded human colorectal carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R012010 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.