

## Anti-USF1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

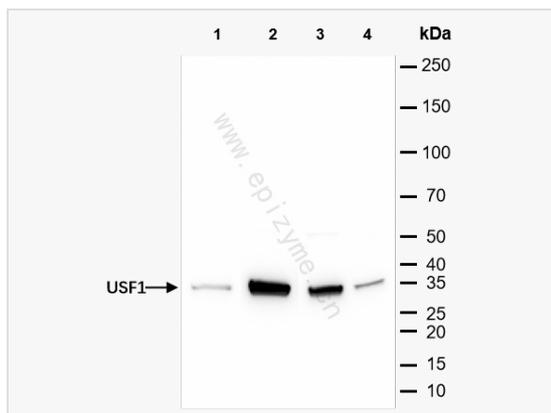
Catalog # R010298

### Product Information

Application	IHC-P/IF (Tissue-P), ELISA, WB
Reactivity	Mouse, Rat, Human
Dilution	WB 1:1,000~1:5,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	45L71L92
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human USF1
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-USF1 antibody [45L71L92] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	bHLHb11, Class B basic helix-loop-helix protein 11, FCHL 1, FCHL, FCHL1, HGNC:12593, HYPLIP 1, HYPLIP1, Major late transcription factor 1, Major late transcription factor, MLTF, MLTF I, MLTFI, Transcription factor USF-1, UEF, Upstream stimulatory factor 1, Upstream transcription factor 1, Upstream transcription factor 1, isoform CRA_a, USF 1, USF.
Calculated MW	Calculated MW: 34 kDa; Observed MW: 34 kDa
Uniprot ID	P22415
Gene ID	7391
Background	Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters.
Cellular Location	Nuclear



Western Blot - Anti-USF1 Rabbit mAb [45L71L92]

All lanes: R010298 at 1:2,000 dilution

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

Lane 2: Rat heart whole tissue lysates

Lane 3: Mouse kidney whole tissue lysates

Lane 4: Mouse muscle whole tissue lysates

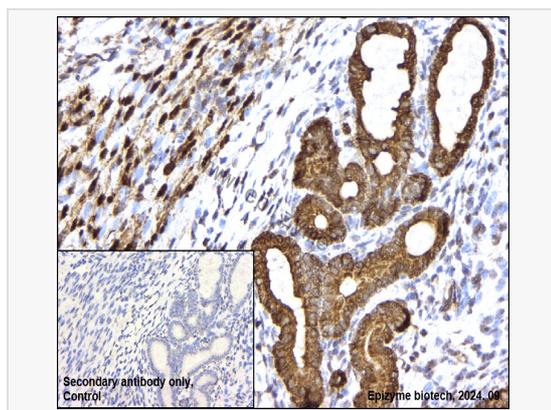
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 34 kDa

Observed band size: 34 kDa

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



Immunohistochemistry - Anti-USF1 Rabbit mAb [45L71L92]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse ovary tissue

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

Primary antibody: R010298 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.