

4EBP1 Recombinant Rabbit Monoclonal Antibody (JJ09-25)

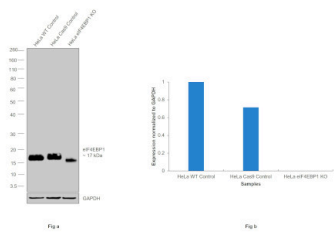
| Product Details | |
|--------------------|--|
| Size | 100 µL |
| Species Reactivity | Human, Mouse, Rat |
| Host/Isotype | Rabbit / IgG |
| Expression system | HEK293 cells |
| Class | Recombinant Monoclonal |
| Type | Antibody |
| Clone | JJ09-25 |
| Conjugate | Unconjugated |
| Immunogen | Synthetic peptide with Human eIF4EBP1 aa 1-49 |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Protein A |
| Storage buffer | TBS, pH 7.4, with 40% Glycerol, 0.05% BSA |
| Contains | 0.05% sodium azide |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID | AB_2809758 |

| Applications | Tested Dilution | Publications |
|---|-----------------|--------------|
| Western Blot (WB) | 1:1,000-1:2,000 | - |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:50-1:200 | - |
| Immunocytochemistry (ICC/IF) | 1:50-1:200 | - |
| Flow Cytometry (Flow) | 1:50-1:100 | - |

Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For 4EBP1 Recombinant Rabbit Monoclonal Antibody (JJ09-25)

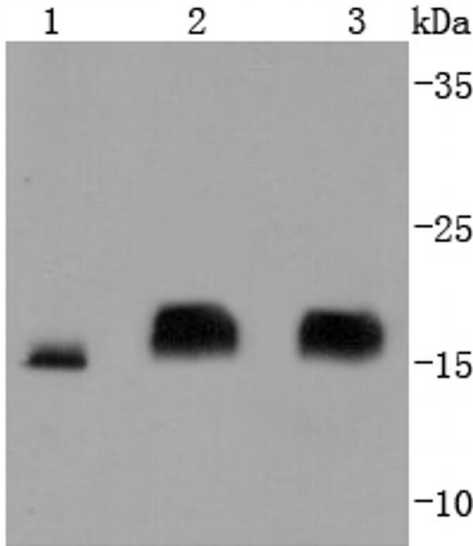


4EBP1 Antibody (MA5-32481)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in 4EBP1 KO cell line compared to control cell line using 4EBP1 Recombinant Rabbit Monoclonal Antibody (JJ09-25) (Product # MA5-32481). {KO}

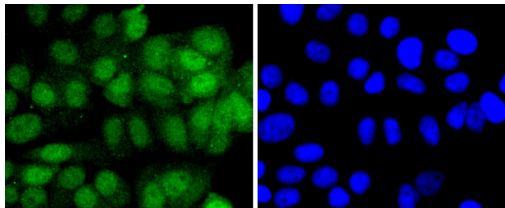
4EBP1 Antibody (MA5-32481) in WB

Western blot analysis of 4EBP1 in different lysates using a Monoclonal antibody (Product #MA5-32481) at a dilution of 1:1,000. Positive control: Lane 1: K562, Lane 2: HepG2, Lane 3: 293.



4EBP1 Antibody (MA5-32481) in ICC/IF

Immunocytochemical analysis of 4EBP1 in MCF-7 cells using a 4EBP1 Monoclonal antibody (Product # MA5-32481) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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