

Product Datasheet

4EBP1 Antibody (4F3-H2)

H00001978-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00001978-M01

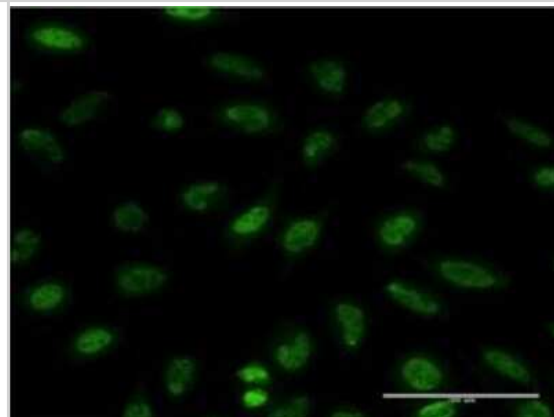
4EBP1 Antibody (4F3-H2)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F3-H2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1978
Gene Symbol	EIF4EBP1
Species	Human
Specificity/Sensitivity	EIF4EBP1 - eukaryotic translation initiation factor 4E binding protein 1
Immunogen	EIF4EBP1 (AAH04459, 1 a.a. ~ 118 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSGGSSCSQTPSRAIPATRRVVLGDGVQLPPGDYSTTPGGTLFSTTPGGTRIYY DRKFLMECRNSPVTKTTPRDLPTIPGVTSPSSDEPPMEASQSHLRNSPEDKRA GGEESQFEMDI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/Immunofluorescence, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

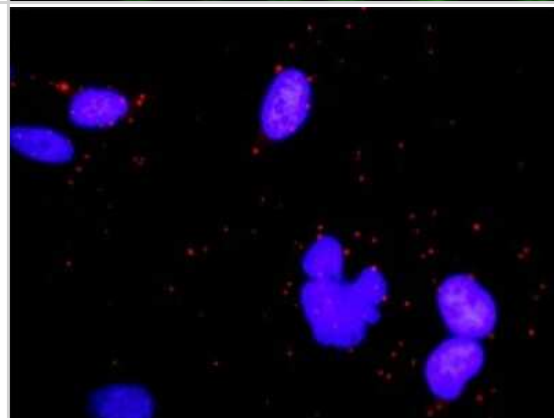


Images

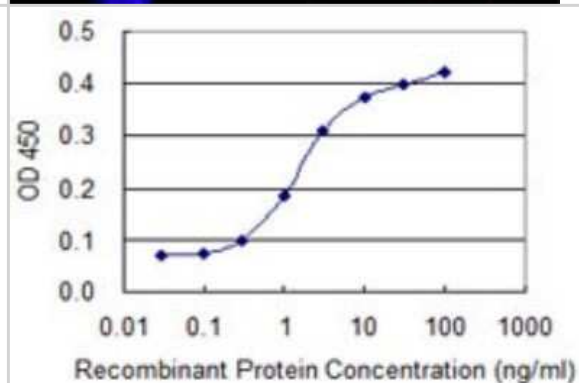
Immunocytochemistry/Immunofluorescence: 4EBP1 Antibody (4F3-H2) [H00001978-M01] - Analysis of monoclonal antibody to EIF4EBP1 on HeLa cell . Antibody concentration 10 ug/ml.



Proximity Ligation Assay: 4EBP1 Antibody (4F3-H2) [H00001978-M01] - Analysis of protein-protein interactions between BUB1 and EIF4EBP1. HeLa cells were stained with anti-BUB1 rabbit purified polyclonal 1:1200 and anti-EIF4EBP1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: 4EBP1 Antibody (4F3-H2) [H00001978-M01] - Detection limit for recombinant GST tagged EIF4EBP1 is 0.1 ng/ml as a capture antibody.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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