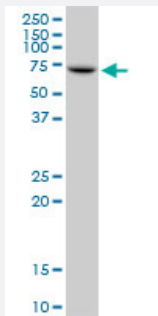


IGF2BP2 monoclonal antibody (M01), clone 4C6

Catalog # H00010644-M01

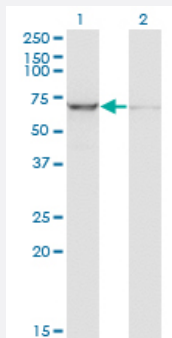
Size 100 ug

Applications



Western Blot (Cell lysate)

IGF2BP2 monoclonal antibody (M01), clone 4C6. Western Blot analysis of IGF2BP2 expression in K-562 (Cat # L009V1).

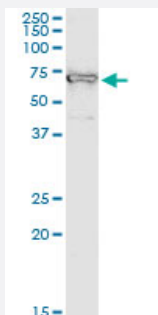


Western Blot (Transfected lysate)

Western Blot analysis of IGF2BP2 expression in transfected 293T cell line by IGF2BP2 monoclonal antibody (M01), clone 4C6.

Lane 1: IGF2BP2 transfected lysate (Predicted MW: 66 KDa).

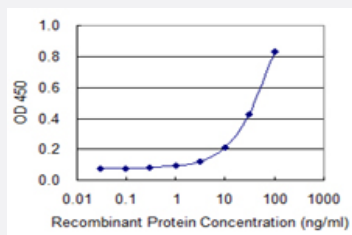
Lane 2: Non-transfected lysate.



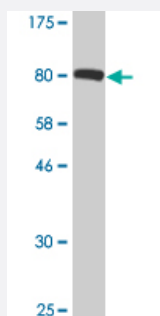
Immunoprecipitation

Immunoprecipitation of IGF2BP2 transfected lysate using anti-IGF2BP2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IGF2BP2 monoclonal antibody.

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged IGF2BP2 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (91.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant IGF2BP2.
Immunogen	IGF2BP2 (AAH21290, 1 a.a. ~ 598 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNKLYIGNLSPAVTADDLRQLFGDRKLPLAGQVLLKSGYAFVDYPDQNWAIETLSGKVELHGK IMEVDYSVSKKLRSRKIQIRNIPPHLQWEVLDGLLAQYGTVENVEQVNTDTETAVVNVTYATREEAK IAMEKLSGHQFENYSFKISYIPDEEVSSPSPQRAQRGDHSSREQGHAPGGTSQARQIDFPLRILV PTQFVGAIIGKEGLTIKNITKQTQSRVDIHRKENSGAAEKPVTIHATPEGTSEACRMILEIMQKEADET KLAEEIPLKILAHNGLVGRIGKEGRNLKKIEHETGTKITISSLQDLSYNPERTITVKGTVEACASAEIEI MKKLREAFENDMLAVNQQANLIPGLNLSALGIFSTGLSVLSPAGPRGAPPAAPYHPFTTHSGYF SSLYPHHQFGPFPHHHSYPEQEIVNLFIPTQAVGAIIGKKGAHIKQLARFAGASIKIAPAEQPDVSE MVIITGPPEAQFKAQGRIFGKLKEENFFNPKEEVKLEAHIRVPSSTAGRVIKGGKTVNELQNL TSA EVIVPRDQTPDENEEVIRIIGHFFASQTAQRKIREIVQQVKQEQKYPQGVASQRSK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (91.52 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

IGF2BP2 monoclonal antibody (M01), clone 4C6. Western Blot analysis of IGF2BP2 expression in K-562(Cat # L009V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of IGF2BP2 expression in transfected 293T cell line by IGF2BP2 monoclonal antibody (M01), clone 4C6.

Lane 1: IGF2BP2 transfected lysate (Predicted MW: 66 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of IGF2BP2 transfected lysate using anti-IGF2BP2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IGF2BP2 monoclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IGF2BP2 is 1 ng/ml as a capture antibody.

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- ELISA

Gene Info — IGF2BP2

Entrez GeneID[10644](#)**GeneBank Accession#**[BC021290](#)**Protein Accession#**[AAH21290](#)

Gene Name	IGF2BP2
Gene Alias	IMP-2, IMP2, VICKZ2, p62
Gene Description	insulin-like growth factor 2 mRNA binding protein 2
Omim ID	125853 608289
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the IGF-II mRNA-binding protein (IMP) family. The protein encoded by this gene contains several four KH domains and two RRM domains. It functions by binding to the 5' UTR of the insulin-like growth factor 2 (IGF2) mRNA and regulating IGF2 translation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	IGF II mRNA binding protein 2 IGF-II mRNA-binding protein 2 insulin-like 2 growth factor 2-binding protein 2

Publication Reference

- [The transcribed pseudogene RPSAP52 enhances the oncofetal HMGA2-IGF2BP2-RAS axis through LIN28B-dependent and independent let-7 inhibition.](#)

Oliveira-Mateos C, Sánchez-Castillo A, Soler M, Obiols-Guardia A, Piñeyro D, Boque-Sastre R, Calleja-Cervantes ME, Castro de Moura M, Martínez-Cardús A, Rubio T, Pelletier J, Martínez-Iniesta M, Herrero-Martín D, Tirado OM, Gentilella A, Villanueva A, Esteller M, Farré L, Guil S.

Nature Communications 2019 Sep; 10(1):3979.

Application: Dot, IP, WB, Human, A673 cells

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