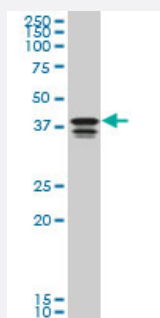


PCBP2 monoclonal antibody (M08), clone 6E9

Catalog # H00005094-M08

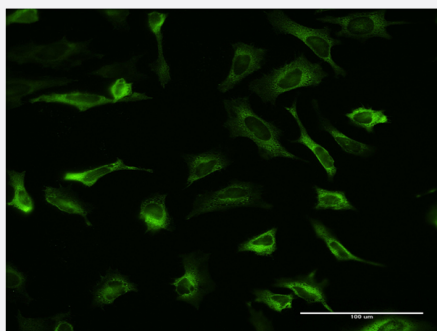
Size 100 ug

Applications



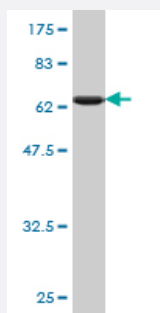
Western Blot (Cell lysate)

PCBP2 monoclonal antibody (M08), clone 6E9. Western Blot analysis of PCBP2 expression in K-562 (Cat # L009V1).



Immunofluorescence

Immunofluorescence of monoclonal antibody to PCBP2 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (65.56 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PCBP2.

Immunogen	PCBP2 (AAH01155, 1 a.a. ~ 362 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDTGVI EGGLNVTLTIRLLMHGKEVGSII GKKGESVKKMREESGARINISEGNCPERITLAGPTNAIF KAFAMIIDKLEEDISSSMTNSTAASRPPVTLRLVVPASQCGSLIGKGGCKIKEIRESTGAQVQVAGD MLPNSTERAITIAGIPQSIIECVKQICVVMLESPPKGV TIPYRKPSSSPVIFAGGQDRYSTGSDSAS FPHTTPSMCLNPDLEGPPLEAYTIQGQYAI PQPDLTKLHQLAMQQSHFPMTHGNTGFSGIESSSPE VKGYWAGLDASAQTTSHELTIPNDLIGCIIGRQGAKINEIRQMSG AQIKIANPVEGSTDRQVTITGSAA SISLAQYLINVRLSSETGGMGSS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (99)
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (65.56 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)

PCBP2 monoclonal antibody (M08), clone 6E9. Western Blot analysis of PCBP2 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PCBP2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — PCBP2

Entrez GeneID	5094
GeneBank Accession#	BC001155
Protein Accession#	AAH01155
Gene Name	PCBP2
Gene Alias	HNRPE2, MGC110998, hnRNP-E2
Gene Description	poly(rC) binding protein 2
Omim ID	601210
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene appears to be multifunctional. Along with PCBP-1 and hnRNP-K, it is one of the major cellular poly(rC)-binding proteins. The encoded protein contains three K-homologous (KH) domains which may be involved in RNA binding. Together with PCBP-1, this protein also functions as a translational coactivator of poliovirus RNA via a sequence-specific interaction with stem-loop IV of the IRES, promoting poliovirus RNA replication by binding to its 5'-terminal cloverleaf structure. It has also been implicated in translational control of the 15-lipoxygenase mRNA, human papillomavirus type 16 L2 mRNA, and hepatitis A virus RNA. The encoded protein is also suggested to play a part in formation of a sequence-specific alpha-globin mRNP complex which is associated with alpha-globin mRNA stability. This multiexon structural mRNA is thought to be retrotransposed to generate PCBP-1, an intronless gene with functions similar to that of PCBP2. This gene and PCBP-1 have paralogous genes (PCBP3 and PCBP4) which are thought to have arisen as a result of duplication events of entire genes. This gene also has two processed pseudogenes (PCBP2P1 and PCBP2P2). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	alpha-CP2 heterogenous nuclear ribonucleoprotein E2

Publication Reference

- [TRIB2 modulates proteasome function to reduce ubiquitin stability and protect liver cancer cells against oxidative stress.](#)

Susu Guo, Yuxin Chen, Yueyue Yang, Xiao Zhang, Lifang Ma, Xiangfei Xue, Yongxia Qiao, Jiayi Wang.
Cell Death & Disease 2021 Jan; 12(1):42.

Application: IP, WB-Re, WB-Tr, Human, Bel-7402 cells, Recombinant proteins