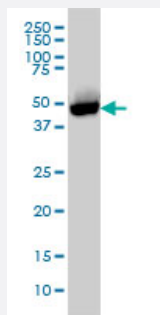


CTBP1 monoclonal antibody (M01), clone 2G7

Catalog # H00001487-M01

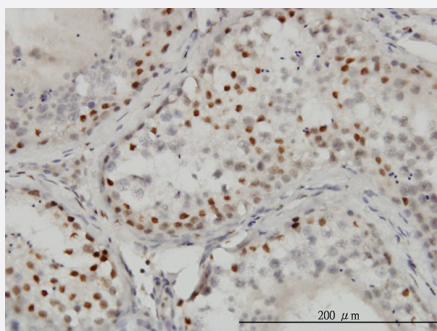
Size 100 ug

Applications



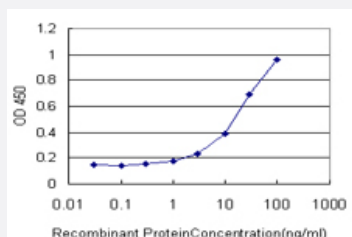
Western Blot (Cell lysate)

CTBP1 monoclonal antibody (M01), clone 2G7 Western Blot analysis of CTBP1 expression in HL-60 (Cat # L014V1).



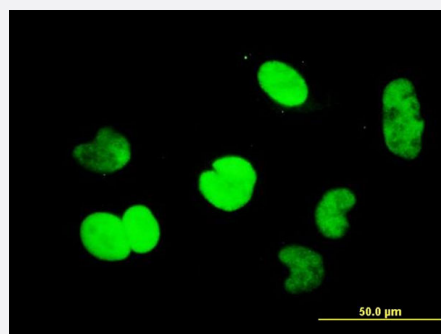
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CTBP1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



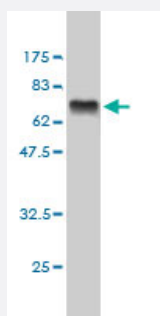
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CTBP1 is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CTBP1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (72.93 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CTBP1.
Immunogen	CTBP1 (AAH53320, 1 a.a. ~ 429 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSGVRPPIMNGPLHPRPLVALLDGRDCTVEMPILKDVATVAFCDQAQSTQEIHEKVLNEAVGALMYHTITLTREDLEKFKALRIVRIGSGFDNIDIKSAGDLGIAVCNVPAAASVEETADSTLCHILNLYRRATWLHQALREGTRVQSVEQIREVASGAARIRGETLGIIGLGRVGQAVALARAKAFGNVLFYDPYLSDGVERALGLQRVSTLQDLLFHSDCVTLHCGLNEHNNHLLINDFTVKQMRQGAFLVNTARGGLVDEKALAAQALKEGRIRGAALDVHESEPFSSQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRRAITGRIPDSLKNCVNKDHLTAATHWASMDPAVVHPELNGAAYRYPPGVVGVAPTGIPAAVEGIVPSAMSLSHGLPPVAHPPHAPSPGQTVKPEADRDHASDQL
Host	Mouse
Reactivity	Human
Isotype	IgG2b kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (72.93 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)

CTBP1 monoclonal antibody (M01), clone 2G7 Western Blot analysis of CTBP1 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CTBP1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CTBP1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CTBP1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — CTBP1

Entrez GeneID [1487](#)

GeneBank Accession# [BC053320](#)

Protein Accession# [AAH53320](#)

Gene Name CTBP1

Gene Alias BARS, MGC104684

Gene Description C-terminal binding protein 1

Omim ID [602618](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a protein that binds to the C-terminus of adenovirus E1A proteins. This phosphoprotein is a transcriptional repressor and may play a role during cellular proliferation. This protein and the product of a second closely related gene, CTBP2, can dimerize. Both proteins can also interact with a polycomb group protein complex which participates in regulation of gene expression during development. Alternative splicing of transcripts from this gene results in multiple transcript variants. [provided by RefSeq]

Other Designations

brefeldin A-ribosylated substrate

Pathway

- [Chronic myeloid leukemia](#)
- [Notch signaling pathway](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)