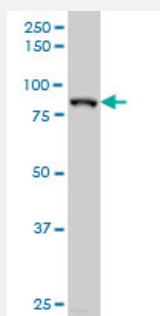


HIC1 monoclonal antibody (M01), clone 4E11

Catalog # H00003090-M01

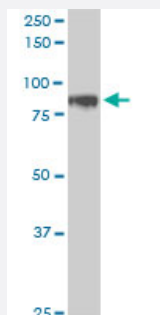
Size 100 ug

Applications



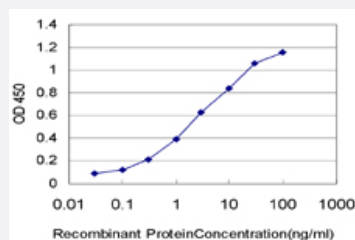
Western Blot (Cell lysate)

HIC1 monoclonal antibody (M01), clone 4E11 Western Blot analysis of HIC1 expression in Jurkat (Cat # L017V1).



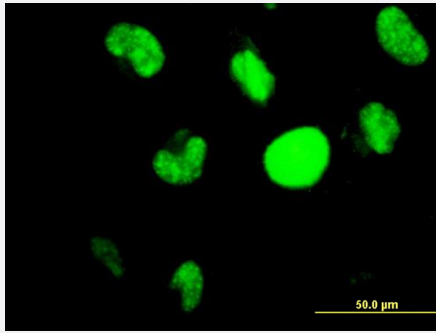
Western Blot (Cell lysate)

HIC1 monoclonal antibody (M01), clone 4E11. Western Blot analysis of HIC1 expression in PC-12(Cat # L012V1).



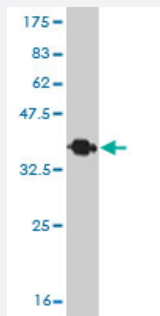
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HIC1 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to HIC1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (32.38 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HIC1.
Immunogen	HIC1 (NP_006488, 396 a.a. ~ 453 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	YKSSSEETGSSSEDPSPGGHLEGYPCHLAYGEPESFGDNLVCIPCGKGFPSSSEQLN
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (100)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.38 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)

HIC1 monoclonal antibody (M01), clone 4E11 Western Blot analysis of HIC1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

HIC1 monoclonal antibody (M01), clone 4E11. Western Blot analysis of HIC1 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HIC1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HIC1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — HIC1

Entrez GeneID	3090
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GeneBank Accession#	NM_006497
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Protein Accession#	NP_006488
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Gene Name	HIC1
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Gene Alias	ZBTB29, hic-1
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Gene Description	hypermethylated in cancer 1
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Omim ID	603825
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Gene Ontology	Hyperlink
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Other Designations

-

Publication Reference

- [HIC1 and RassF1A Methylation Attenuates Tubulin Expression and Cell Stiffness in Cancer.](#)

Chen CC, He BC, Chen YL, Lee KD, Tung CH, Hsu CC, Lin PY, Chu PY, Leu YW, Fu WE, Hsiao SH.

International Journal of Molecular Sciences 2018 Sep; 19(10):E2844.

Application: IF, WB, Mouse, Mouse mesenchymal stem cells

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Microsatellite Instability](#)