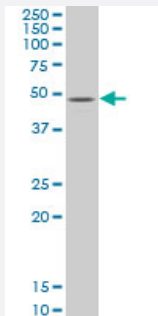


ZIC3 monoclonal antibody (M05), clone 2C1

Catalog # H00007547-M05

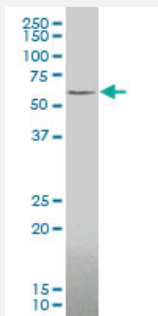
Size 100 ug

Applications



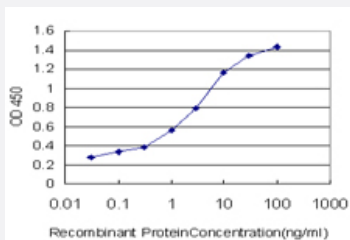
Western Blot (Tissue lysate)

ZIC3 monoclonal antibody (M05), clone 2C1. Western Blot analysis of ZIC3 expression in human Skeletal muscle.



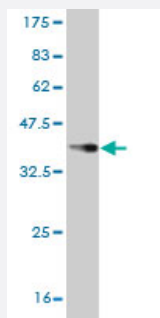
Western Blot (Cell lysate)

ZIC3 monoclonal antibody (M05), clone 2C1 Western Blot analysis of ZIC3 expression in Y-79 (Cat # L042V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ZIC3 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.86 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ZIC3.
Immunogen	ZIC3 (NP_003404.1, 182 a.a. ~ 274 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NQVHLGLRGELFGRADPYRPVASPRTDPYAAGAQFPNYS PMNMGMVNVAHHGPGAFFRYMR QPIKQELSCKWIDEAQLSRPKKSCDRTFST
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.86 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 (Tissue lysate)

ZIC3 monoclonal antibody (M05), clone 2C1. Western Blot analysis of ZIC3 expression in human Skeletal muscle.

[Protocol Download](#)

- Western Blot (Cell lysate)

ZIC3 monoclonal antibody (M05), clone 2C1 Western Blot analysis of ZIC3 expression in Y-79 (Cat # L042V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ZIC3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ZIC3

Entrez GeneID [7547](#)

GeneBank Accession# [NM_003413](#)

Protein Accession# [NP_003404.1](#)

Gene Name ZIC3

Gene Alias HTX, HTX1, ZNF203

Gene Description Zic family member 3 (odd-paired homolog, Drosophila)

Omim ID [300265](#) [306955](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. This nuclear protein probably functions as a transcription factor in early stages of left-right body axis formation. Mutations in this gene cause X-linked visceral heterotaxy, which includes congenital heart disease and left-right axis defects in organs. [provided by RefSeq]

Other Designations OTTHUMP00000024142|heterotaxy 1|zinc finger protein of the cerebellum 3

Disease

- [Genetic Predisposition to Disease](#)

- [Neural Tube Defects](#)