

MXD3 mouse monoclonal antibody (hybridoma)

Catalog # H00083463-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant MXD3.
Immunogen	MXD3 (NP_112590.1, 1 a.a. ~ 206 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEPLASNIQVLLQAAEFLERREREAEHGYASLCPHRSPGPIHRRKKRPPQAPGAQDSGRSVHNE LEKRRRAQLKRCLERLKQQMPLGADCARYTTLSLLRRARMHIQKLEDQEQRARQLKERLRSKQQ SLQRQLEQLRGLAGAAERERLRADSLDSSGLSSERSDSDQEELEV DVESLVFGGEAELLRGFV AGQEHSYSHGGGAWL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (81)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MXD3

Entrez GeneID [83463](#)**GeneBank Accession#** [NM_031300.2](#)**Protein Accession#** [NP_112590.1](#)**Gene Name** MXD3**Gene Alias** BHLHC13, FLJ35523, MAD3, MGC2383, MYX**Gene Description** MAX dimerization protein 3**Omim ID** [609450](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a member of the Myc superfamily of basic helix-loop-helix leucine zipper transcriptional regulators. The encoded protein forms a heterodimer with the cofactor MAX which binds specific E-box DNA motifs in the promoters of target genes and regulates their transcription. Disruption of the MAX-MXD3 complex is associated with uncontrolled cell proliferation and tumorigenesis. Transcript variants of this gene encoding different isoforms have been described.[provided by RefSeq]

Other Designations Max-associated protein 3|Max-interacting transcriptional repressor MAD3