



Human MXD4 blocking peptide (CDBP1805)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MAD4/MXD4 antibody
Antigen Description	This gene is a member of the MAD gene family . The MAD genes encode basic helix-loop-helix-leucine zipper proteins that heterodimerize with MAX protein, forming a transcriptional repression complex. The MAD proteins compete for MAX binding with MYC, which heterodimerizes with MAX forming a transcriptional activation complex. Studies in rodents suggest that the MAD genes are tumor suppressors and contribute to the regulation of cell growth in differentiating tissues. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MXD4 MAX dimerization protein 4 [Homo sapiens]
Official Symbol	MXD4
Synonyms	MXD4; MAX dimerization protein 4; max dimerization protein 4; bHLHc12; MAD4; MST149; MSTP149; Mad4 homolog; max dimerizer 4; max-associated protein 4; class C basic helix-

loop-helix protein 12; max-interacting transcriptional repressor MAD4;

Entrez Gene ID	10608
mRNA Refseq	NM_006454
Protein Refseq	NP_006445
UniProt ID	Q14582
Chromosome Location	4p16.3
Pathway	Validated targets of C-MYC transcriptional repression, organism-specific biosystem;
Function	DNA binding; transcription corepressor activity;