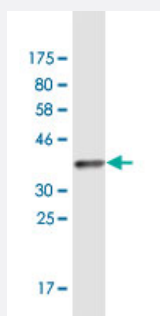


MOCS2 monoclonal antibody (M05), clone 4H3

Catalog # H00004338-M05

Size 100 ug

Applications



Western Blot detection against Immunogen (36.2 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant MOCS2.
Immunogen	MOCS2 (NP_789776.1, 1 a.a. ~ 88 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVPLCQVEVL YFAKSAEITGVRSETISVPQEIKALQLWKEIETRHPGLADVNRNQIIFAVRQEYVELG DQLLVLPQPGDEIAVIPISGG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (25); Rat (25)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.2 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 (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MOCS2

Entrez GeneID	4338
GeneBank Accession#	NM_176806.2
Protein Accession#	NP_789776.1
Gene Name	MOCS2
Gene Alias	MCBPE, MOCO1, MOCS2A, MOCS2B, MPTS
Gene Description	molybdenum cofactor synthesis 2
Omim ID	252150 603708
Gene Ontology	Hyperlink
Gene Summary	Eukaryotic molybdoenzymes use a unique molybdenum cofactor (MoCo) consisting of a pterin, termed molybdopterin, and the catalytically active metal molybdenum. MoCo is synthesized from precursor Z by the heterodimeric enzyme molybdopterin synthase. The large and small subunits of molybdopterin synthase are both encoded from this gene by overlapping open reading frames. The proteins were initially thought to be encoded from a bicistronic transcript. They are now thought to be encoded from monocistronic transcripts. Alternatively spliced transcripts have been found for this locus that encode the large and small subunits. [provided by RefSeq]
Other Designations	MPT synthase OTTHUMP00000122459 molybdenum cofactor biosynthesis protein E molybdopterin synthase