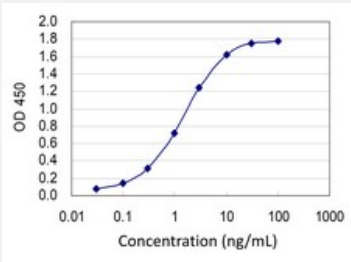
CX Grade

MLL4 monoclonal antibody (M02J), clone 4C10

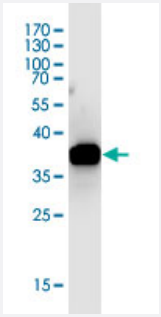
Catalog # H00009757-M02J Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MLL4 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.75 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MLL4. This product is belong to Cell Culture Grade Antibody (CX Grade).
Immunogen	MLL4 (NP_055542.1, 813 a.a. ~ 904 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KVAASMPLSPGGQMEEVAGAVKQISDRGPVRSEDESVEAKRERPSGPESPVQGPRIKHVCRHAAVALGQARAMVPEDVPRLSALPLRDRQDL
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (85)
Preparation Method	Cell Culture Production
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.75 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

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged MLL4 is 0.03 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — MLL4

Entrez GeneID	9757
GeneBank Accession#	NM_014727.1
Protein Accession#	NP_055542.1
Gene Name	MLL4
Gene Alias	HRX2, KIAA0304, MLL2, TRX2, WBP7
Gene Description	myeloid/lymphoid or mixed-lineage leukemia 4
Omim ID	606834
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a protein which contains multiple domains including a CXXC zinc finger, three PHD zinc fingers, two FY-rich domains, and a SET (suppressor of variegation, enhancer of zeste, and trithorax) domain. The SET domain is a conserved C-terminal domain that characterizes prot eins of the MLL (mixed-lineage leukemia) family. This gene is ubiquitously expressed in adult tiss ues. It is also amplified in solid tumor cell lines, and may be involved in human cancer. Two alterna tively spliced transcript variants encoding distinct isoforms have been reported for this gene, how ever, the full length nature of the shorter transcript is not known. [provided by RefSeq
Other Designations	WW domain binding protein 7|mixed lineage leukemia gene homolog 2|trithorax homologue 2