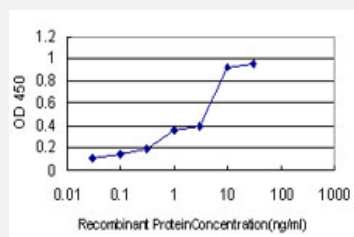


PIN1 monoclonal antibody (M02), clone 5A8

Catalog # H00005300-M02

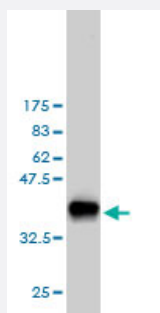
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PIN1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PIN1.

Immunogen

PIN1 (AAH02899, 64 a.a. ~ 163 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

HSQSRPSSWRQEKITRTKEEALELINGYQKIKSGEEDFESLASQFSDCSSAKARGDLGAFSRG
QMCKPFEDASFALRTGEMSGPVFTDSGIHILRTE

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (98); Rat (99)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 PIN1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PIN1

Entrez GeneID	5300
GeneBank Accession#	BC002899
Protein Accession#	AAH02899
Gene Name	PIN1
Gene Alias	DOD, UBL5
Gene Description	peptidylprolyl cis/trans isomerase, NIMA-interacting 1
Omim ID	601052
Gene Ontology	Hyperlink

Gene Summary

The human PIN1 gene encodes an essential nuclear peptidylprolyl cis-trans isomerase (PPlase; EC 5.2.1.8) involved in regulation of mitosis. PIN1 belongs to a class of PPlases that includes the E. coli parvulin, yeast Ess1, and Drosophila dodo (dod) gene products (Lu et al., 1996 [PubMed 8 606777]).[supplied by OMIM]

Other Designations

peptidyl-prolyl cis/trans isomerase, NIMA-interacting|prolyl isomerase|protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1|protein (peptidylprolyl cis/trans isomerase) NIMA-interacting 1

Disease

- [Alzheimer disease](#)
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