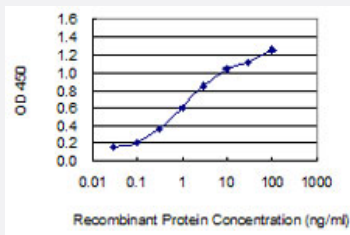


PTPN14 monoclonal antibody (M01), clone 4F7

Catalog # H00005784-M01

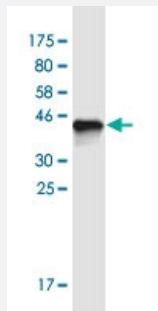
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTPN14 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (40.04 kDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PTPN14.
Immunogen	PTPN14 (NP_005392.2, 303 a.a. ~ 412 a.a) partial recombinant protein with GST-pstS1 tag.
Sequence	KQNKICTEQSNSPPPIRRQPTWSRSSLPRQQPYILPPVHVQCGEHYSEHTSQDSIFHGNEEALYC NSHNSLDLNYLNGTVTNGSVCSVHSVNSLNCQSFIQASPVSSN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95)

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.04 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 PTPN14 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PTPN14

Entrez GeneID	5784
GeneBank Accession#	NM_005401.4
Protein Accession#	NP_005392.2
Gene Name	PTPN14
Gene Alias	MGC126803, PEZ, PTP36
Gene Description	protein tyrosine phosphatase, non-receptor type 14
Omim ID	603155
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an N-terminal noncatalytic domain similar to that of band 4.1 superfamily cytoskeleton-associated proteins, which suggested the membrane or cytoskeleton localization of this protein. The specific function of this PTP has not yet been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000035094|cytoskeletal-associated protein tyrosine phosphatase

Disease

- [Tobacco Use Disorder](#)