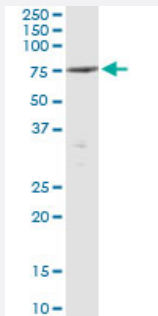


PTPN5 monoclonal antibody (M03), clone 2H5

Catalog # H00084867-M03

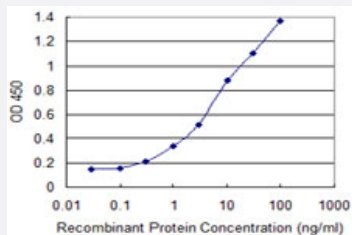
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of PTPN5 transfected lysate using anti-PTPN5 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTPN5 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTPN5 is 0.1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PTPN5.
Immunogen	PTPN5 (NP_116170, 388 a.a. ~ 486 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	WQEHTPIVMITNIEEMNEKCTEYWPEEQVAYDGVETVQKVIHTEDYRLRLISLKSQTEERGLKHYWFTSWPDQKTPDRAPPLLHLVREVEEAAQQEG
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (94)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

Immunoprecipitation of PTPN5 transfected lysate using anti-PTPN5 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTPN5 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTPN5 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PTPN5

Entrez GeneID	84867
GeneBank Accession#	NM_032781
Protein Accession#	NP_116170
Gene Name	PTPN5
Gene Alias	FLJ14427, PTPSTEP, STEP
Gene Description	protein tyrosine phosphatase, non-receptor type 5 (striatum-enriched)
Omim ID	176879
Gene Ontology	Hyperlink
Gene Summary	O

Other Designations

OTTHUMP00000165938|OTTHUMP00000165958

Pathway

- [MAPK signaling pathway](#)

Disease

- [Cell Transformation](#)
- [Colorectal Neoplasms](#)
- [Kidney Failure](#)
- [Microsatellite Instability](#)
- [Tobacco Use Disorder](#)