

PPIG Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant PPIG.****Catalog # AT3402a****Specification**

PPIG Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, IF, E
Primary Accession	Q13427
Other Accession	NM_004792
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	88617

PPIG Antibody (monoclonal) (M02) - Additional Information**Gene ID** 9360**Other Names**

Peptidyl-prolyl cis-trans isomerase G, PPIase G, Peptidyl-prolyl isomerase G, CASP10, Clk-associating RS-cyclophilin, CARS-Cyp, CARS-cyclophilin, SR-cyclophilin, SR-cyp, SRcyp, Cyclophilin G, Rotamase G, PPIG

Target/Specificity

PPIG (NP_004783, 13 a.a. ~ 106 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

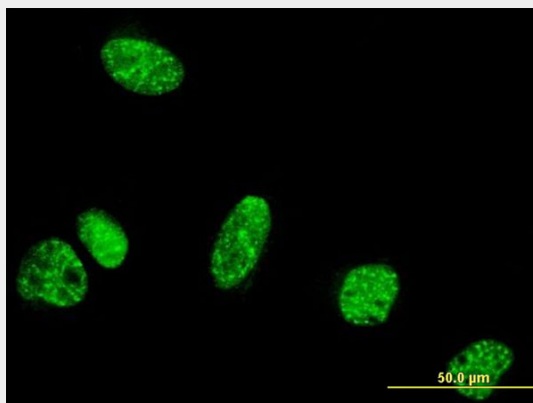
PPIG Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

PPIG Antibody (monoclonal) (M02) - Protocols

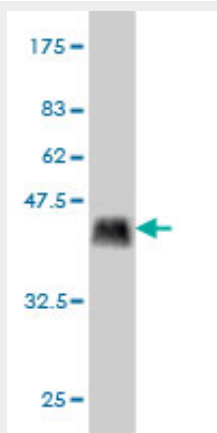
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

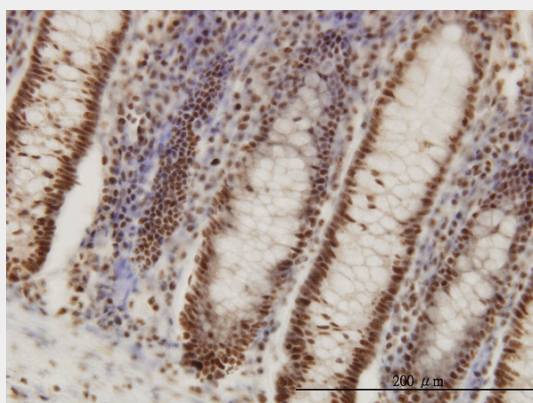
PPIG Antibody (monoclonal) (M02) - Images



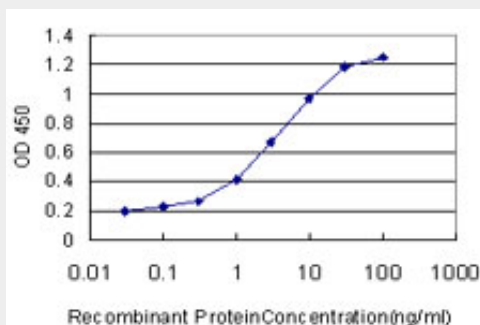
Immunofluorescence of monoclonal antibody to PPIG on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.08 KDa) .



Immunoperoxidase of monoclonal antibody to PPIG on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



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

PPIG Antibody (monoclonal) (M02) - References

A common variant in DRD3 receptor is associated with autism spectrum disorder. de Krom M, et al. *Biol Psychiatry*, 2009 Apr 1. PMID 19058789. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. *Cell*, 2006 Nov 3. PMID 17081983. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334. Over-expression of SR-cyclophilin, an interaction partner of nuclear pinin, releases SR family splicing factors from nuclear speckles. Lin CL, et al. *Biochem Biophys Res Commun*, 2004 Aug 27. PMID 15358154. Proteomic, functional, and domain-based analysis of in vivo 14-3-3 binding proteins involved in cytoskeletal regulation and cellular organization. Jin J, et al. *Curr Biol*, 2004 Aug 24. PMID 15324660.