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PPIG Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant PPIG.
Catalog # AT3402a

Specification

PPIG Antibody (monoclonal) (M02) - Product Information

Application	**IF, WB, IHC, 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

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

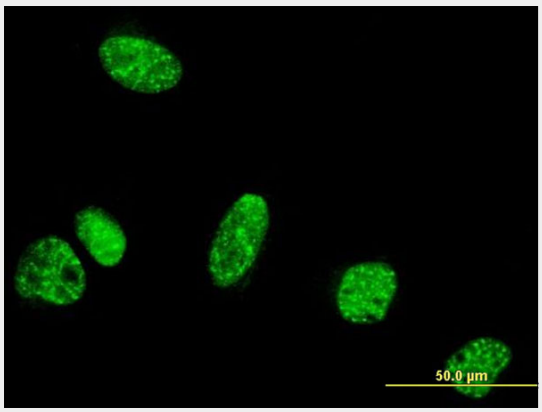
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

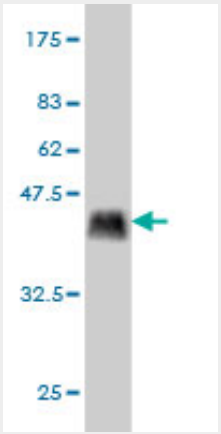
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

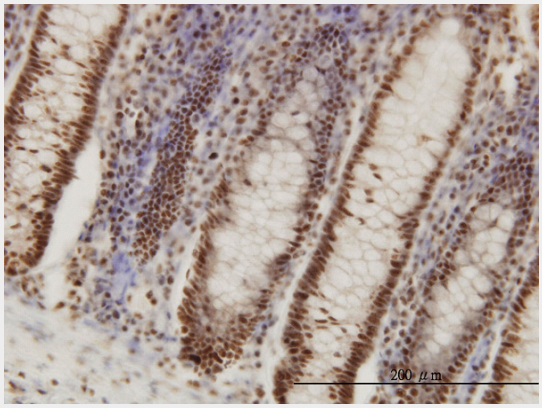
PPIG Antibody (monoclonal) (M02) - Images



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



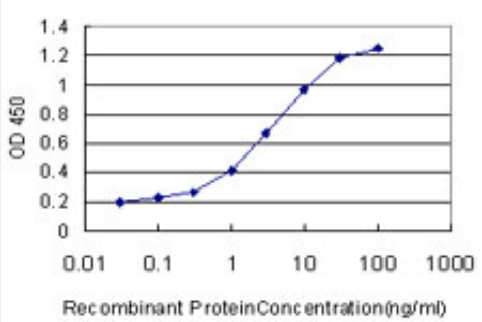
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.08 KDa) .



Immunoperoxidase of monoclonal antibody to PPIG on formalin-fixed paraffin-embedded human

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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.