

PPIL4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PPIL4.

Catalog # AT3405a

Specification

PPIL4 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB
Primary Accession	O8WUA2
Other Accession	NM_139126
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	57225

PPIL4 Antibody (monoclonal) (M01) - Additional Information

Gene ID 85313

Other Names

Peptidyl-prolyl cis-trans isomerase-like 4, PPIase, Cyclophilin-like protein PPIL4, Rotamase PPIL4, PPIL4

Target/Specificity

PPIL4 (NP_624311, 395 a.a. ~ 466 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

PPIL4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

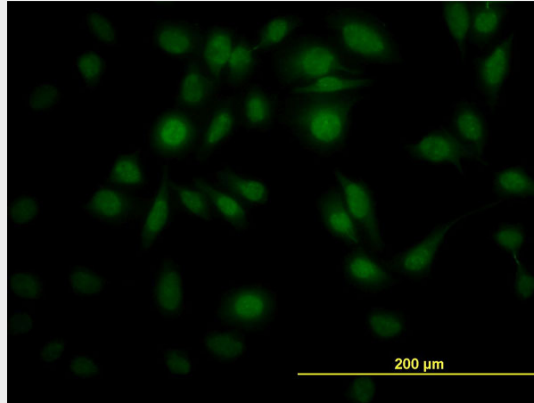
PPIL4 Antibody (monoclonal) (M01) - Protocols

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](#)

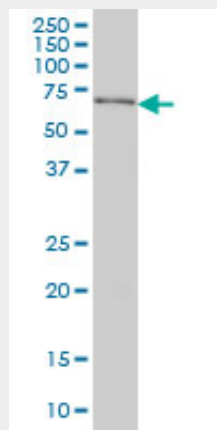
PPIL4 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to PPIL4 on HeLa cell. [antibody concentration 10 ug/ml]

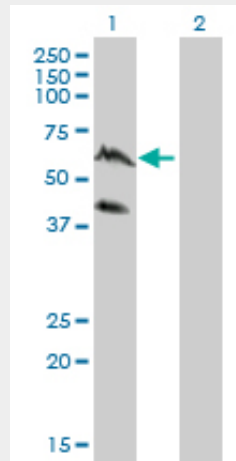


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.66 KDa) .



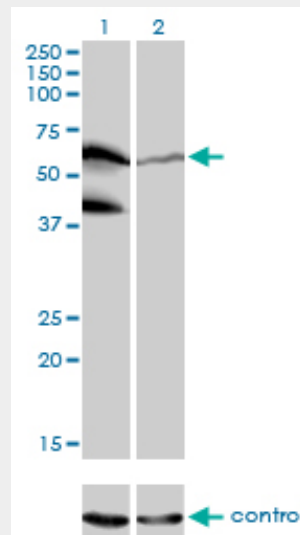
PPIL4 monoclonal antibody (M01), clone 1C10 Western Blot analysis of PPIL4 expression in HeLa

S3 NE ((Cat # AT3405a)



Western Blot analysis of PPIL4 expression in transfected 293T cell line by PPIL4 monoclonal antibody (M01), clone 1C10.

Lane 1: PPIL4 transfected lysate(57.2 KDa).
 Lane 2: Non-transfected lysate.



Western blot analysis of PPIL4 over-expressed 293 cell line, cotransfected with PPIL4 Validated Chimera RNAi ((Cat # AT3405a)

PPIL4 Antibody (monoclonal) (M01) - Background

This gene is a member of the cyclophilin family of peptidylprolyl isomerases. The cyclophilins are a highly conserved family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions.

PPIL4 Antibody (monoclonal) (M01) - References

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. 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. Functional proteomics mapping of a human signaling pathway.

Colland F, et al. Genome Res, 2004 Jul. PMID 15231748. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.