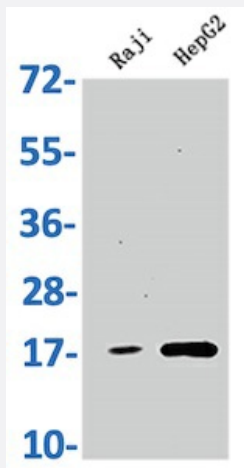


RecomAb™

PPIA recombinant monoclonal antibody, clone 4G3

Catalog # RAB04065 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: Raji whole cell lysate; Lane 2: HepG2 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PPIA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human PPIA.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: Raji whole cell lysate; Lane 2: HepG2 whole cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PPIA

Entrez GeneID	5478
Protein Accession#	P62937
Gene Name	PPIA
Gene Alias	CYPA, CYPH, MGC117158, MGC12404, MGC23397
Gene Description	peptidylprolyl isomerase A (cyclophilin A)
Omim ID	123840
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. The encoded protein is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression. The protein can also interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions. Multiple pseudogenes that map to different chromosomes have been reported. [provided by RefSeq]
Other Designations	OTTHUMP00000025305 PPIase A T cell cyclophilin cyclosporin A-binding protein peptidyl-prolyl cis-trans isomerase A peptidylprolyl isomerase A rotamase A

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Atherosclerosis](#)
- [Coronary Artery Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)