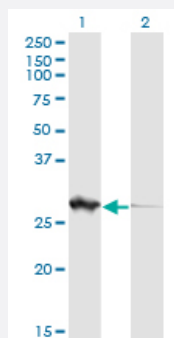


PGLS monoclonal antibody (M01), clone 2D9

Catalog # H00025796-M01

Size 100 ug

Applications

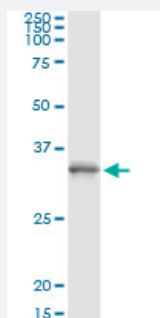


Western Blot (Transfected lysate)

Western Blot analysis of PGLS expression in transfected 293T cell line by PGLS monoclonal antibody (M01), clone 2D9.

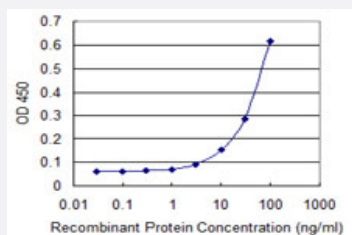
Lane 1: PGLS transfected lysate(27.5 KDa).

Lane 2: Non-transfected lysate.



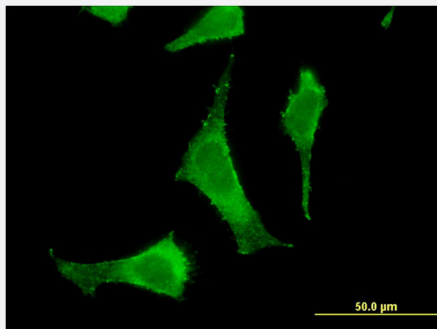
Immunoprecipitation

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



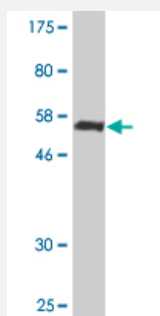
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PGLS is 1 ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (54.12 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PGLS.
Immunogen	PGLS (AAH14006, 1 a.a. ~ 258 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAPAPGLISVFSSSQELGAALAQLVAQRAACCLAGARARFALGLSGGNLVSMLARELPAAVAPAGPASLARWTLGFCDERLVPFDHAESTYGLYRTHLLSRPIESQVITINPELPVEEAAEDYAKKLRQAFQGDSIPVFDLLILGVGPDGHTCSLFPDHPLLQEREKIVAPISDSPKPPPQRVTLTLPVLNAARTVIFVATGEGKAAVLKRILEDQEENPLPAALVQPHTGKLCWFLDEAAARLLTVPFEKHSTL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (54.12 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PGLS expression in transfected 293T cell line by PGLS monoclonal antibody (M01), clone 2D9.

Lane 1: PGLS transfected lysate(27.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PGLS is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — PGLS

Entrez GeneID	25796
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GeneBank Accession#	BC014006
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Protein Accession#	AAH14006
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Gene Name	PGLS
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Gene Alias	6PGL
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Gene Description	6-phosphogluconolactonase
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Omim ID	604951
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Gene Ontology	Hyperlink
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Other Designations	-
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Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)