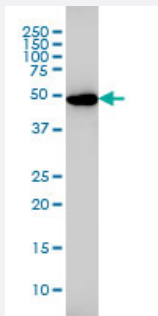


GSR monoclonal antibody (M01), clone 6B4

Catalog # H00002936-M01

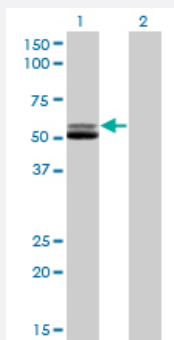
Size 100 ug

Applications



Western Blot (Cell lysate)

GSR monoclonal antibody (M01), clone 6B4 Western Blot analysis of GSR expression in IMR-32 (Cat # L008V1).

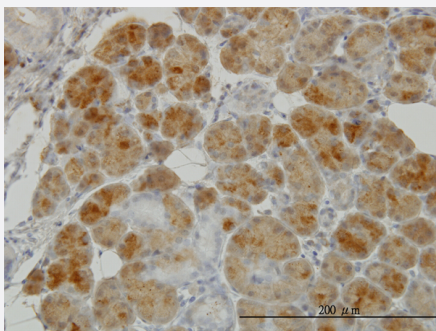


Western Blot (Transfected lysate)

Western Blot analysis of GSR expression in transfected 293T cell line by GSR monoclonal antibody (M01), clone 6B4.

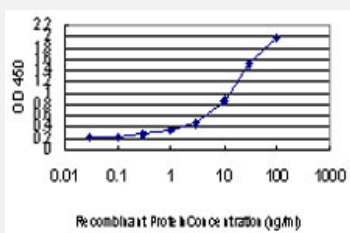
Lane 1: GSR transfected lysate(56.3 KDa).

Lane 2: Non-transfected lysate.



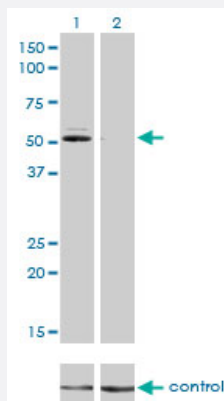
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GSR on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 6 ug/ml]



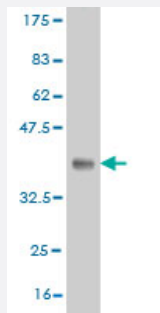
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GSR is approximately 0.03ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of GSR over-expressed 293 cell line, cotransfected with GSR Validated Chimera RNAi (Cat # H00002936-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GSR monoclonal antibody (M01), clone 6B4 (Cat # H00002936-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GSR.
Immunogen	GSR (NP_000628, 413 a.a. ~ 522 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TVVFSHPPIGTVGLTEDEAIHKYGIENVKTYSTSFTPMYHAVTKRKTCKVMKMCANKEEKVVGIH MQGLGCDEMLQGFAVAVKMGATKADFDNTVAIHPTSSEELVTLR
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

GSR monoclonal antibody (M01), clone 6B4 Western Blot analysis of GSR expression in IMR-32 (Cat # L008V1).

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- Western Blot (Transfected lysate)

Western Blot analysis of GSR expression in transfected 293T cell line by GSR monoclonal antibody (M01), clone 6B4.

Lane 1: GSR transfected lysate(56.3 KDa).

Lane 2: Non-transfected lysate.

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- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GSR on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 6 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GSR is approximately 0.03ng/ml as a capture antibody.

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- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of GSR over-expressed 293 cell line, cotransfected with GSR Validated Chimera RNAi (Cat # H00002936-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GSR monoclonal antibody (M01), clone 6B4 (Cat # H00002936-M01). GAPDH (36.1 kDa) used as specificity and loading control.

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Gene Info — GSR

Entrez GeneID

[2936](#)

GeneBank Accession#	NM_000637
Protein Accession#	NP_000628
Gene Name	GSR
Gene Alias	MGC78522
Gene Description	glutathione reductase
Omim ID	138300
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Glutathione metabolism](#)

Disease

- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)