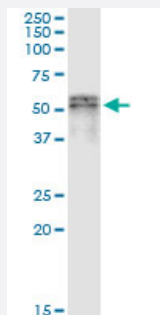


SCLY monoclonal antibody (M09), clone 3B2

Catalog # H00051540-M09

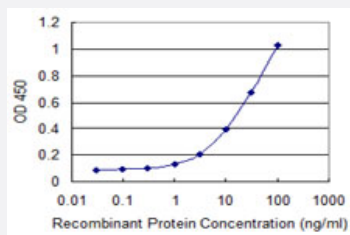
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of SCLY transfected lysate using anti-SCLY monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SCLY monoclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SCLY is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SCLY.
Immunogen	SCLY (NP_057594, 346 a.a. ~ 444 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NSQFPGTQRLPNTCNFSIRGPRQLQGHVVLAQCRVLMASVGAACHSDHGDQPSPVLLSYGVFPD VARNALRLSVGRSTTRAEDLVVQDLKQAVAQLEDQ
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence

Mouse (78); Rat (78)

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

Immunoprecipitation of SCLY transfected lysate using anti-SCLY monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SCLY monoclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SCLY is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SCLY

Entrez GeneID[51540](#)**GeneBank Accession#**[NM_016510](#)**Protein Accession#**[NP_057594](#)**Gene Name**

SCLY

Gene Alias

SCL

Gene Description

selenocysteine lyase

Omim ID[611056](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

Selenocysteine lyase (SCLY; EC 4.4.1.16) catalyzes the pyridoxal 5-prime phosphate-dependent conversion of L-selenocysteine to L-alanine and elemental selenium (Mihara et al., 2000 [PubMed 10692412]).[supplied by OMIM]

Other Designations

-

Pathway

- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)

Disease

- [Tobacco Use Disorder](#)