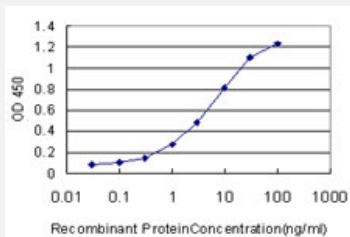


BSCL2 monoclonal antibody (M01), clone 1G4

Catalog # H00026580-M01

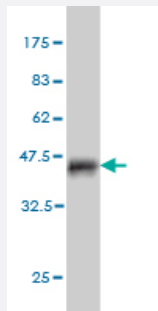
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BSCL2 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant BSCL2.

Immunogen

BSCL2 (NP_116056, 259 a.a. ~ 357 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

WGGIWPRHRFSLQVNIRKRDNSRKEVQRRISAHQPGPEGQEESTPQSDVTEDGESPEDPSGTE
GQLSEEEKPDQQPLSGEEELEPEASDGSGSWEDAAL

Host

Mouse

Reactivity

Human

Isotype

IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.63 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BSCL2 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — BSCL2

Entrez GeneID

[26580](#)

GeneBank Accession#

[NM_032667](#)

Protein Accession#

[NP_116056](#)

Gene Name

BSCL2

Gene Alias

GNG3LG, HMN5, MGC4694, SPG17

Gene Description

Bernardinelli-Seip congenital lipodystrophy 2 (seipin)

Omim ID

[269700](#) [270685](#) [600794](#) [606158](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes protein seipin, which is located in the endoplasmic reticulum and may be important for lipid droplet morphology. Mutations in this gene have been associated with congenital generalized lipodystrophy type 2 or Berardinelli-Seip syndrome, a rare autosomal recessive disease characterized by a near absence of adipose tissue and severe insulin resistance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

seipin

Disease

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Spastic Paraplegia](#)