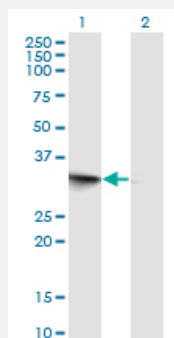


FRG1 monoclonal antibody (M02), clone 2B9

Catalog # H00002483-M02

Size 100 ug

Applications

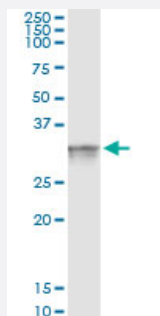


Western Blot (Transfected lysate)

Western Blot analysis of FRG1 expression in transfected 293T cell line by FRG1 monoclonal antibody (M02), clone 2B9.

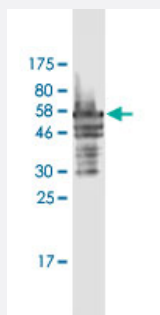
Lane 1: FRG1 transfected lysate (29.2 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of FRG1 transfected lysate using anti-FRG1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FRG1 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (54.12 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant FRG1.

Immunogen	FRG1 (AAH53997, 1 a.a. ~ 258 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAEYSYVKSTKLVLGKTKSKKKKSKDKKRKREEDEETQLDIVGWWTVTNFGESGTIAIEMDK GTIHALDNLFTLGAPHKEVDEGPSPPEQFTAVKLSDSRALKSGYGKYLGINSDGLVVGRSDAI GPREQWEPVFQNGKMALLASNSCFIRCNEAGDIEAKSKTAGEEEMKIRSCAERETKKKDDIPEE DKGNVKQCEINYKKFQSFQDHKLKISKEDSKILKKARKDGFLHETLLDRRAKLKADRYCK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (95)
Isotype	IgG2a 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 FRG1 expression in transfected 293T cell line by FRG1 monoclonal antibody (M02), clone 2B9.

Lane 1: FRG1 transfected lysate(29.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of FRG1 transfected lysate using anti-FRG1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FRG1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — FRG1

Entrez GeneID [2483](#)**GeneBank Accession#** [BC053997](#)**Protein Accession#** [AAH53997](#)**Gene Name** FRG1**Gene Alias** FRG1A, FSG1**Gene Description** FSHD region gene 1**Omim ID** [601278](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene maps to a location 100 kb centromeric of the repeat units on chromosome 4q35 which are deleted in facioscapulohumeral muscular dystrophy (FSHD). It is evolutionarily conserved and has related sequences on multiple human chromosomes but DNA sequence analysis did not reveal any homology to known genes. In vivo studies demonstrate the encoded protein is localized to the nucleolus. [provided by RefSeq]

Other Designations facioscapulohumeral muscular dystrophy region gene-1