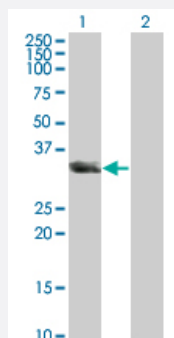


# UNC119 monoclonal antibody (M01A), clone 2F9-2A9

Catalog # H00009094-M01A

Size 200 uL

## Applications

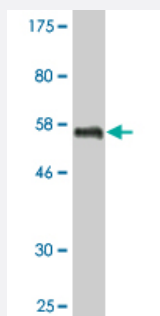


### Western Blot (Transfected lysate)

Western Blot analysis of UNC119 expression in transfected 293T cell line by UNC119 monoclonal antibody (M01A), clone 2F9-2A9.

Lane 1: UNC119 transfected lysate(27 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (52.14 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full-length recombinant UNC119.

### Immunogen

UNC119 (AAH27176.1, 1 a.a. ~ 240 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

MKVKKGGGGAGTATESAPGPSGQSVAPIQPPAESESGSESEPDAGPGPRPGPLQRKQPIGPE  
DVLGLQRITGDYLCSPENIYKIDFVRFKIRDMDSGTVLFEIKKPPVSERLPINRRDLDPNAGRFRVRY  
QFTPAFLRLRQVGATVEFTVGDKPVNNFRMIERHYFRNQLLKSFDHFHGFICIPSSKNTCEHYDFP  
PLSEELISEMIRHPYETQSDSFYFVDDRLVMHNKADYSYSGTP

### Host

Mouse

### Reactivity

Human

Interspecies Antigen Sequence	Mouse (91); Rat (92)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.14 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of UNC119 expression in transfected 293T cell line by UNC119 monoclonal antibody (M01A), clone 2F9-2A9.

Lane 1: UNC119 transfected lysate(27 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — UNC119

Entrez GeneID	<a href="#">9094</a>
GeneBank Accession#	<a href="#">BC027176</a>
Protein Accession#	<a href="#">AAH27176.1</a>
Gene Name	UNC119
Gene Alias	HRG4
Gene Description	unc-119 homolog (C. elegans)
Omim ID	<a href="#">604011</a>

## Gene Ontology

[Hyperlink](#)

## Gene Summary

This gene is specifically expressed in the photoreceptors in the retina. The encoded product shares strong homology with the C. elegans unc119 protein and it can functionally complement the C. elegans unc119 mutation. It has been localized to the photoreceptor synapses in the outer plexiform layer of the retina, and suggested to play a role in the mechanism of photoreceptor neurotransmitter release through the synaptic vesicle cycle. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

## Other Designations

retinal protein 4|unc119 (C.elegans) homolog|unc119 homolog

## Disease

- [Retinal Diseases](#)