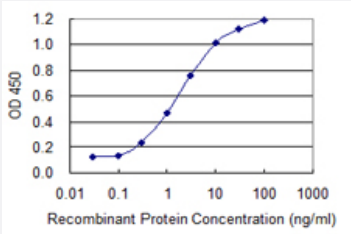
UTRN monoclonal antibody (M01), clone 5G6

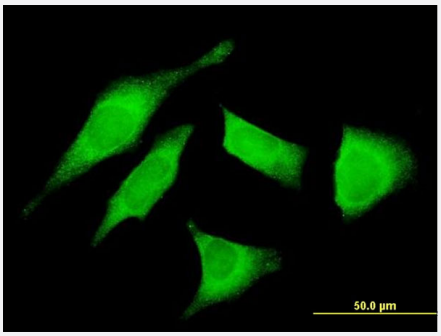
Catalog # H00007402-M01 Size 100 ug

Applications



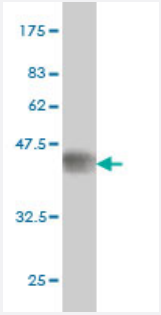
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

Immunofluorescence of monoclonal antibody to UTRN on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.4 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UTRN.

Immunogen	UTRN (NP_009055, 3328 a.a. ~ 3433 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LEARMQILEDHNKQLESQLHRLRQLLEQPESDSRINGVSPWASPQHSALSYSLDPDASGPQFHQ AAGEDLLAPPHDTSTDLTEVMEQIHSTFPSCCPNVPSRPQAM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.4 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 UTRN is 0.1 ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to UTRN on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — UTRN

Entrez GeneID	7402
GeneBank Accession#	NM_007124

Protein Accession#	NP_009055
Gene Name	UTRN
Gene Alias	DMDL, DRP, DRP1, FLJ23678
Gene Description	utrophin
Omim ID	128240
Gene Ontology	Hyperlink
Gene Summary	This gene shares both structural and functional similarities with the dystrophin gene. It contains an actin-binding N-terminus, a triple coiled-coil repeat central region, and a C-terminus that consists of protein-protein interaction motifs which interact with dystroglycan protein components. The prot ein encoded by this gene is located at the neuromuscular synapse and myotendinous junctions, w here it participates in post-synaptic membrane maintenance and acetylcholine receptor clustering . Mouse studies suggest that this gene may serve as a functional substitute for the dystrophin gen e and therefore, may serve as a potential therapeutic alternative to muscular dystrophy which is ca used by mutations in the dystrophin gene. Alternative splicing of the utrophin gene has been descr ibed; however, the full-length nature of these variants has not yet been determined. [provided by R efSeq
Other Designations	OTTHUMP00000017350|OTTHUMP00000040139|dystrophin-related protein

Disease

- Genetic Predisposition to Disease
- Schizophrenia
- Tobacco Use Disorder