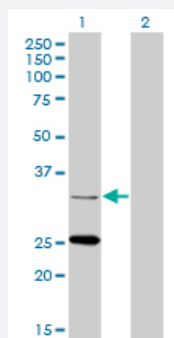


STAR monoclonal antibody (M01A), clone 5F9

Catalog # H00006770-M01A

Size 200 uL

Applications

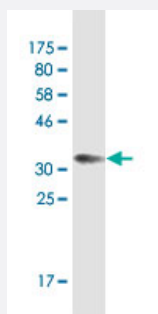


Western Blot (Transfected lysate)

Western Blot analysis of STAR expression in transfected 293T cell line by STAR monoclonal antibody (M01A), clone 5F9.

Lane 1: STAR transfected lysate(31.9 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant STAR.
Immunogen	STAR (AAH10550, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EAMQKALGILSNQEGWKKESQQDNGDKVMSKVVPDVGKVFRLVVVDQPMERLYEELVERME AMGEWNPVKEIKVLQKIGKDTFITHLAAEAAGNLVG
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (90); Rat (88)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 STAR expression in transfected 293T cell line by STAR monoclonal antibody (M01A), clone 5F9.

Lane 1: STAR transfected lysate(31.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — STAR

Entrez GeneID	6770
GeneBank Accession#	BC010550
Protein Accession#	AAH10550
Gene Name	STAR
Gene Alias	STARD1
Gene Description	steroidogenic acute regulatory protein
Omim ID	201710 600617
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene plays a key role in the acute regulation of steroid hormone synthesis by enhancing the conversion of cholesterol into pregnenolone. This protein permits the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in this gene are a cause of congenital lipoid adrenal hyperplasia (CLAH), also called lipoid CAH. A pseudogene of this gene is located on chromosome 13. [provided by RefSeq]

Other Designations

START domain containing 1|StAR-related lipid transfer (START) domain containing 1|cholesterol trafficker|mitochondrial steroid acute regulatory protein|steroid acute regulatory protein|steroidogenic acute regulator

Disease

- [Addison Disease](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)