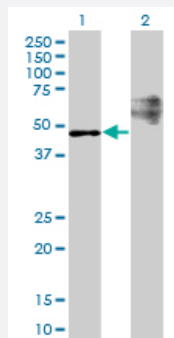


STARD3 monoclonal antibody (M01), clone 1D1

Catalog # H00010948-M01

Size 100 ug

Applications

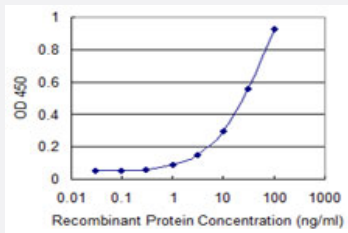


Western Blot (Transfected lysate)

Western Blot analysis of STARD3 expression in transfected 293T cell line by STARD3 monoclonal antibody (M01), clone 1D1.

Lane 1: STARD3 transfected lysate (50.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STARD3 is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant STARD3.
Immunogen	STARD3 (AAH08747, 1 a.a. ~ 445 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSKLPRELTRDLERSLPAVASLGSSLSHSQSLSSHLLPPPEKRRRAISDVRRTFCLFVTFDLLFISLL WIIELNTNTGIRKNLEQEIQYNFKTSFFDIFVLAFFRFSGLLLGAVLQLRHWWVIAVTTLVSSAFLV KVILSELLSKGAFGYLLPMVSFVLAWLETWFLDFKVLPPQEAEEERWYLAQVAVARGPLLFSGALS EGQFYSPPEFAGSDNESDEEVAGKKSFSQAQEREYIRQGKEATAVVDQILAQEENWKFEKNNEY GDTVYTIEVPFHGKTFILKTFILPCPAELVYQEVILQPERMVLWNKTVTACQILQRVEDNTLISYDVSA GAAGGVVSPRDFVNVRRIERRRDRYLSSGIATSHSAKPPTHKYVRGENPGGFIVLKSASNPVRC TFVWILNTDLKGRLPRYLHQSLAATMFEFAFHLRQRISLGARA

Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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 STARD3 expression in transfected 293T cell line by STARD3 monoclonal antibody (M01), clone 1D1.

Lane 1: STARD3 transfected lysate(50.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STARD3 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — STARD3

Entrez GeneID	10948
GeneBank Accession#	BC008747
Protein Accession#	AAH08747
Gene Name	STARD3
Gene Alias	CAB1, FLJ41370, MLN64, es64
Gene Description	StAR-related lipid transfer (START) domain containing 3
Omim ID	607048

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of a subfamily of lipid trafficking proteins that are characterized by a C-terminal steroidogenic acute regulatory domain and an N-terminal metastatic lymph node 64 domain. The encoded protein localizes to the membranes of late endosomes and may be involved in exporting cholesterol. Alternate splicing results in multiple transcript variants

Other Designations

START domain containing 3|steroidogenic acute regulatory protein related

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)