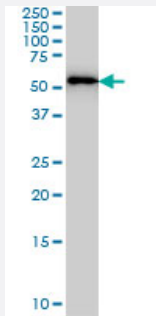


FARSLA monoclonal antibody (M01), clone 2D8

Catalog # H00002193-M01

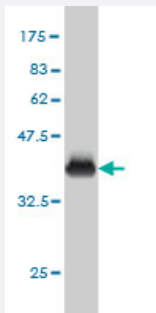
Size 100 ug

Applications



Western Blot (Cell lysate)

FARSLA monoclonal antibody (M01), clone 2D8 Western Blot analysis of FARSLA expression in MCF-7 (Cat # L046V1).



Western Blot detection against Immunogen (36.85 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FARSLA.
Immunogen	FARSLA (NP_004452, 101 a.a. ~ 201 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KVGFSKAMSNKWIRVDKSAADGPRVFRVVDSEDEVQRRQLVLRGGQAEKLGKERSELRKR KLLAEVTLKTYWVSKGSAFSTSISKQETELSPEMISSGS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.85 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 (Cell lysate)

FARSLA monoclonal antibody (M01), clone 2D8 Western Blot analysis of FARSLA expression in MCF-7 (Cat # L046V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — FARSA

Entrez GeneID

[2193](#)

GeneBank Accession#

[NM_004461](#)

Protein Accession#

[NP_004452](#)

Gene Name

FARSA

Gene Alias

CML33, FARSL, FARSLA, FRSA, PheHA

Gene Description

phenylalanyl-tRNA synthetase, alpha subunit

Omim ID

[602918](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a product which is similar to the catalytic subunit of prokaryotic and *Saccharomyces cerevisiae* phenylalanyl-tRNA synthetases (PheRS). This gene product has been shown to be expressed in a tumor-selective and cell cycle stage- and differentiation-dependent manner, the first member of the tRNA synthetase gene family shown to exhibit this type of regulated expression [provided by RefSeq]

Other Designations

phenylalanine tRNA ligase 1, alpha, cytoplasmic|phenylalanine-tRNA synthetase alpha-subunit|phenylalanine-tRNA synthetase-like, alpha subunit|phenylalanyl-tRNA synthetase-like, alpha subunit

Pathway

- [Aminoacyl-tRNA biosynthesis](#)