

LysRS Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0858
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of LysRS(aa90-174) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Lysyl-tRNA synthetase
Synonyms	KARS; KIAA0070; Lysine--tRNA ligase; Lysyl-tRNA synthetase; LysRS

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Lysyl-tRNA synthetase is a homodimer localized to the cytoplasm which belongs to the class II family of tRNA synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

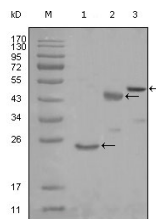
ELISA: 1:10000

IHC: 1:200 - 1:1000

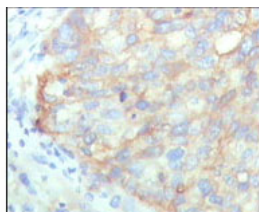
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using LysRS Monoclonal antibody against truncated Trx-LysRS recombinant protein (1) truncated MBP-LysRS (aa90-174) and full length LysRS (aa1-188) transfected CHO-K1 cell lysate (3).



Immunohistochemistry analysis of paraffin-embedded human cervical carcinoma, showing cytoplasmic localization with DAB staining using LysRS Monoclonal antibody.

Storage

-20°C for one year

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