

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/m

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

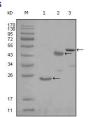
Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Lysyl-tRNA synthetase is a homodimer localized to the cytoplasm which belongs to the class II family of tRNA synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases,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

Recommended Dilution

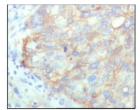
ELISA: 1:10000 IHC: 1:200 - 1:1000 WB: 1:500 - 1:2000

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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