

Product Name: KARS Mouse Monoclonal Antibody
Catalog #: AMM80668



Summary

Production Name	KARS Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	KARS
Alternative Names	KRS; KARS2; KIAA0070
Gene ID	3735.0
SwissProt ID	Q15046. Purified recombinant fragment of KARS(aa90-174) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	/

Background

KARS: lysyl-tRNA synthetase. 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

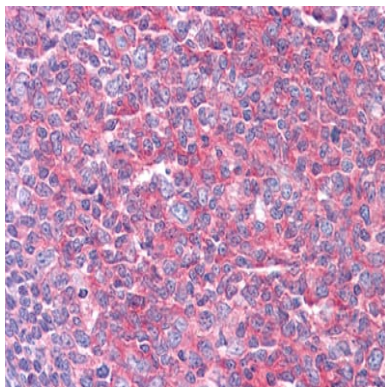
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synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis.

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma, showing cytoplasmic localization with DAB staining using KARS mouse mAb.

Note

For research use only.