

KARS (8G12) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252795

Unit: 0.1 ml

Description:

KARS (Lysyl-tRNA synthetase) is a homodimer localized to the cytoplasm, belongs to the class II family of tRNA synthetases. Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis.

Isotype: Mouse IgG1

Applications: E, IHC, WB

Species Reactivity: H

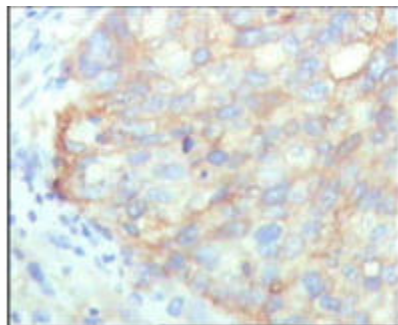
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Lysine-tRNA ligase; Lysyl-tRNA synthetase; LysRS; KIAA0070; KARS

Accession No.: Q15046

Antigen: Purified recombinant fragment of KARS (aa90-174) expressed in *E. coli*.

Application Notes: E: 10,000; WB: 1:500-1:2000; IHC: 1:200-1:1000



KARS staining in cervical carcinoma. Paraffin-embedded human cervical carcinoma tissue is stained with KARS (8G12) Antibody (Cat. No. 252795) used at 1:500 dilution with DAB staining.

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.