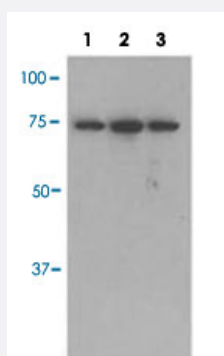


KARS monoclonal antibody

Catalog # MAB11291 Size 200 uL

Applications



Western Blot

Western blot analysis of Lane 1: A549, Lane 2: H460, Lane 3: H1703 with KARS monoclonal antibody (MAB11291) at 1:1000 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant KARS.
Immunogen	Recombinant protein corresponding to full length native recombinant human KARS.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot(1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: A549, Lane 2: H460, Lane 3: H1703 with KARS monoclonal antibody (MAB11291) at 1:1000 dilution.

Gene Info — KARS

Entrez GeneID	3735
Gene Name	KARS
Gene Alias	KARS2, KIAA0070, KRS
Gene Description	lysyl-tRNA synthetase
Omim ID	601421
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	lysine tRNA ligase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)

Disease

- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)