

ARG55690 anti-HMGCS1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HMGCS1
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Chk, Hm
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HMGCS1
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 290-317 (Center) of Human HMGCS1.
Conjugation	Un-conjugated
Alternate Names	Hydroxymethylglutaryl-CoA synthase, cytoplasmic; EC 2.3.3.10; HMG-CoA synthase; 3-hydroxy-3-methylglutaryl coenzyme A synthase; HMGCS

Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	IHC-P	1:50 - 1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	U-87 MG	

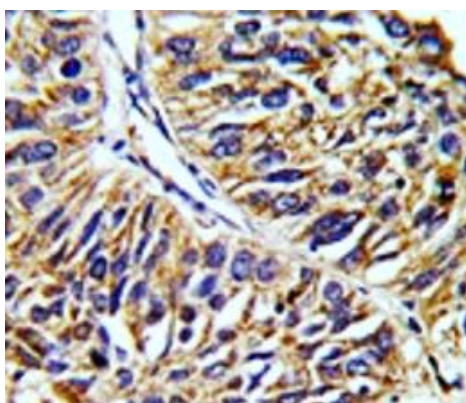
Properties

Form	Liquid
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

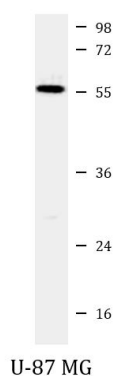
Gene Symbol	HMGCS1
Gene Full Name	3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble)
Function	This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase. [UniProt]
Calculated Mw	57 kDa
Cellular Localization	Cytoplasm.

Images



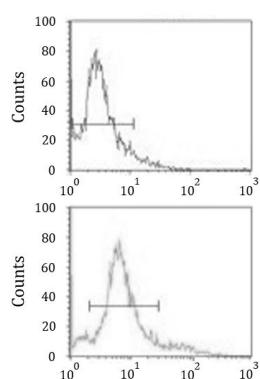
ARG55690 anti-HMGCS1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human lung carcinoma stained with ARG55690 anti-HMGCS1 antibody.



ARG55690 anti-HMGCS1 antibody WB image

Western blot: 35 µg of U-87 MG cell lysate stained with ARG55690 anti-HMGCS1 antibody.



ARG55690 anti-HMGCS1 antibody FACS image

Flow Cytometry: HeLa cells stained with ARG55690 anti-HMGCS1 antibody (bottom histogram) or without primary antibody as control (top histogram), followed by incubation with FITC labelled secondary antibody.