

Datasheet for ABIN516548
anti-HMGCS2 antibody (AA 424-508)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	HMGCS2
Binding Specificity:	AA 424-508
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HMGCS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HMGCS2.
Immunogen:	HMGCS2 (NP_005509.1, 424 a.a. ~ 508 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	RVSQDAAPGS PLDKLVSSTS DLPKRLASRK CVSPEEFTEI MNQREQFYHK VNFSPPGDTN SLFPGTWYLE RVDEQHRRKY ARRPV
Clone:	1E9
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HMGC2
Alternative Name:	HMGC2 (HMGC2 Products)
Background:	Full Gene Name: 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial) Synonyms:
Gene ID:	3158
NCBI Accession:	NM_005518
Pathways:	Response to Growth Hormone Stimulus , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha

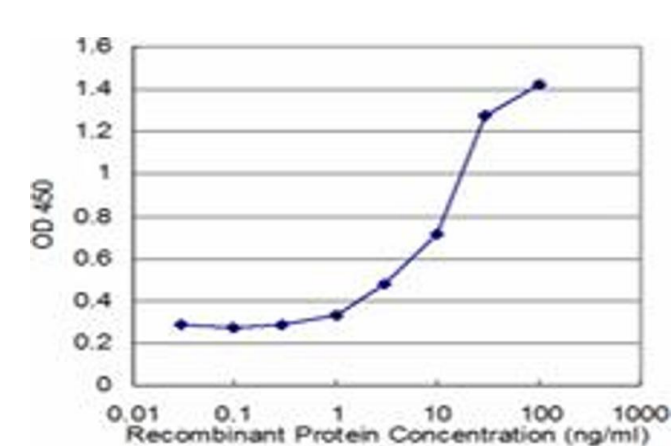
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

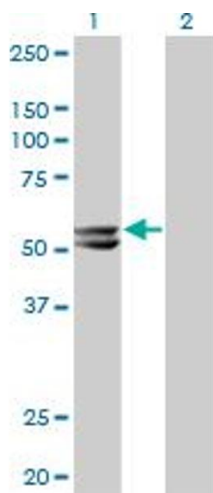
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged HMGC2 is approximately 1ng/ml as a capture antibody.

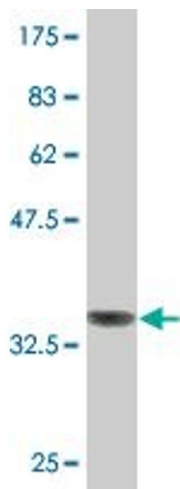


Western Blotting

Image 2. Western Blot analysis of HMGCS2 expression in transfected 293T cell line by HMGCS2 monoclonal antibody (M06), clone 1E9.

Lane 1: HMGCS2 transfected lysate(56.6 kDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (35.09 kDa) .