

HMGCR Monoclonal Antibody (CL0259)

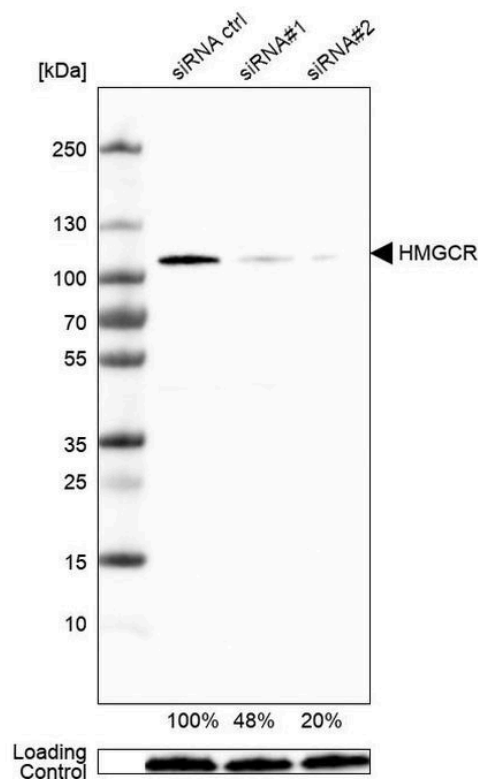
Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	CL0259
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human HMGCR
Form	Liquid
Concentration	0.6 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2786972

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	1 Publication
Immunohistochemistry (IHC)	1:20-1:50	-

Product Specific Information

Immunogen sequence: HIPAYKLETL METHERGVSI RRQLLSKKLS EPSSLQYLPY RDYNYSLVMG ACCENVIGYM PIPVGVAGPL CLDEKEFQVP MATTEGCLVA

Product Images For HMGCR Monoclonal Antibody (CL0259)



HMGCR Antibody (MA5-31335)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. MCF-7 cells were transfected with, control siRNA, HMGCR siRNA probe #1, and HMGCR siRNA probe #2 and a decrease in signal intensity was observed in Western Blot application using anti-HMGCR Monoclonal Antibody (CL0259) (Product # MA5-31335) used at a dilution of 1 µg/mL. Anti-HMGCR was used as a loading control. {KD}

1 Reference

Western Blot (1)

The Journal of biological chemistry
Mitochondrial respiratory chain dysfunction alters ER sterol sensing and mevalonate pathway activity.

"MA5-31335 was used in Western Blot experiments to show that mitochondrial respiratory chain dysfunction elevates intracellular free cholesterol levels and therefore attenuates the expression of mevalonate pathway enzymes, which lowers endogenous cholesterol biosynthesis, disrupting the metabolic output of the mevalonate pathway."

Authors: Wall CTJ,Lefebvre G,Metairon S,Descombes P,Wiederkehr A,Santo-Domingo J

Year
2022

Species
Human

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