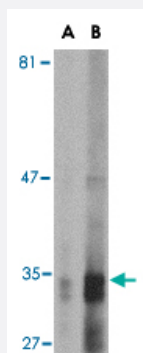


ENDOG monoclonal antibody, clone 7G1C10

Catalog # MAB2758

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of ENDOG expression in HepG2 cell lysate with ENDOG monoclonal antibody, clone 7G1C10 (Cat # MAB2758) at (A) 2.5 and (B) 5 ug/mL .

Specification

Product Description	Mouse monoclonal antibody raised against recombinant ENDOG.
Immunogen	Recombinant protein corresponding to amino acids 76-170 of human ENDOG.
Host	Mouse
Reactivity	Human, Mouse, Rat
Form	Liquid
Isotype	IgG
Recommend Usage	Western Blot (2.5-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage 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 (Cell lysate)

Western blot analysis of ENDOG expression in HepG2 cell lysate with ENDOG monoclonal antibody, clone 7G1C10 (Cat # MAB2758) at (A) 2.5 and (B) 5 ug/mL .

Gene Info — ENDOG

Entrez GeneID	2021
Protein Accession#	n/a
Gene Name	ENDOG
Gene Alias	FLJ27463
Gene Description	endonuclease G
Omim ID	600440
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a nuclear encoded endonuclease that is localized in the mitochondrion. The encoded protein is widely distributed among animals and cleaves DNA at GC tracts. This protein is capable of generating the RNA primers required by DNA polymerase gamma to initiate replication of mitochondrial DNA. [provided by RefSeq]
Other Designations	OTTHUMP00000022301

Publication Reference

- [Apoptosis. DNA destroyers.](#)

Hengartner MO.

Nature 2001 Jul; 412(6842):27.

- [Mitochondrial endonuclease G is important for apoptosis in C. elegans.](#)

Parrish J, Li L, Klotz K, Ledwich D, Wang X, Xue D.

Nature 2001 Jul; 412(6842):90.

- [Endonuclease G is an apoptotic DNase when released from mitochondria.](#)

Li LY, Luo X, Wang X.

Nature 2001 Jul; 412(6842):95.

Pathway

- [Apoptosis](#)