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HELLS Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a full length recombinant HELLS.
Catalog # AT2347a

Product Information

Application	WB, E
Primary Accession	Q9NRZ9
Other Accession	BC030963
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2G10
Calculated MW	97074

Additional Information

Gene ID	3070
Other Names	Lymphoid-specific helicase, 364-, Proliferation-associated SNF2-like protein, SWI/SNF2-related matrix-associated actin-dependent regulator of chromatin subfamily A member 6, HELLS (HGNC:4861)
Target/Specificity	HELLS (AAH30963, 1 a.a. ~ 348 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HELLS Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

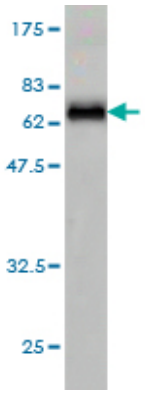
This gene encodes a lymphoid-specific helicase. Other helicases function in processes involving DNA strand separation, including replication, repair, recombination, and transcription. This protein is thought to be involved with cellular proliferation and may play a role in leukemogenesis. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

References

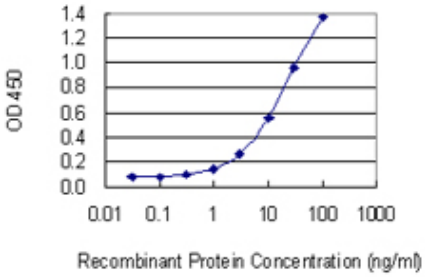
Senescence delay and repression of p16INK4a by Lsh via recruitment of histone deacetylases in human

diploid fibroblasts. Zhou R, et al. Nucleic Acids Res, 2009 Aug. PMID 19561196.Polymorphism in the IL18 gene and epithelial ovarian cancer in non-Hispanic white women. Palmieri RT, et al. Cancer Epidemiol Biomarkers Prev, 2008 Dec. PMID 19064572.Stable knockdown of PASG enhances DNA demethylation but does not accelerate cellular senescence in TIG-7 human fibroblasts. Suzuki T, et al. Epigenetics, 2008 Sep. PMID 18948754.LSH cooperates with DNA methyltransferases to repress transcription. Myant K, et al. Mol Cell Biol, 2008 Jan. PMID 17967891.Systematic analysis of the protein interaction network for the human transcription machinery reveals the identity of the 7SK capping enzyme. Jeronimo C, et al. Mol Cell, 2007 Jul 20. PMID 17643375.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (63.8 KDa) .



Detection limit for recombinant GST tagged HELLS is 0.3 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.