

**HELLS Antibody (monoclonal) (M04)****Mouse monoclonal antibody raised against a full length recombinant HELLS.****Catalog # AT2347a****Specification**

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**HELLS Antibody (monoclonal) (M04) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O9NRZ9</a>
Other Accession	<a href="#">BC030963</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	97074

**HELLS Antibody (monoclonal) (M04) - 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 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=4861](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4861))  
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**

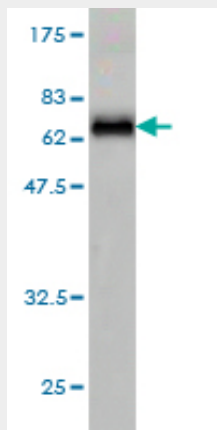
HELLS Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

**HELLS Antibody (monoclonal) (M04) - Protocols**

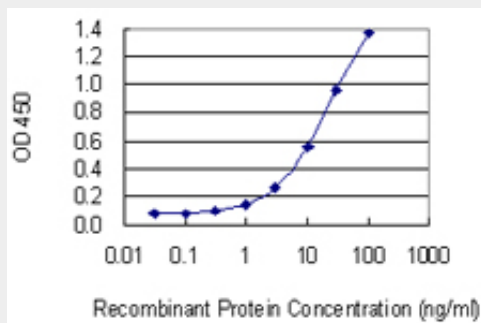
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### HELLS Antibody (monoclonal) (M04) - 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.

#### HELLS Antibody (monoclonal) (M04) - 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.

#### HELLS Antibody (monoclonal) (M04) - 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.