10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HELLS Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP5095c

Specification

HELLS Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9NRZ9

HELLS Antibody (Center) Blocking Peptide - 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)

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HELLS Antibody (Center) Blocking Peptide - Protein Information

Name HELLS (HGNC:4861)

Function
Plays an essential role in normal development and survival. Involved in regulation of the expansion or survival of lymphoid cells. Required for de novo or maintenance DNA methylation. May control silencing of the imprinted CDKN1C gene through DNA methylation. May play a role in formation and organization of heterochromatin, implying a functional role in the regulation of transcription and mitosis (By similarity).

Cellular Location
Nucleus. Note=Closely associated with pericentric heterochromatin.

Tissue Location
Highly expressed in proliferative tissues such as adult thymus and testis, and expressed at lower levels in uterus, small intestine, colon, and peripheral blood mononuclear cells. Also expressed in neoplastic cell lines including those derived from myeloid and lymphoid leukemias.

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HELLS Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

HELLS Antibody (Center) Blocking Peptide - Images

HELLS Antibody (Center) Blocking Peptide - Background

HELLS 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.

HELLS Antibody (Center) Blocking Peptide - References

Zhou, R., et al. Nucleic Acids Res. 37(15):5183-5196(2009)Palmieri, R.T., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3567-3572(2008)Suzuki, T., et al. Epigenetics 3(5):281-291(2008)