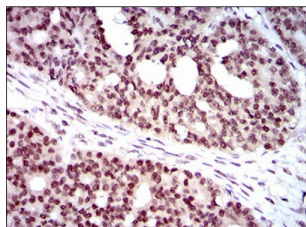
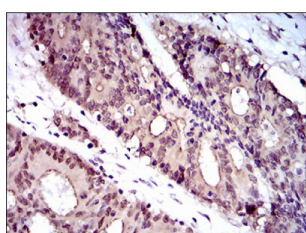


## Wolf-Hirschhorn Syndrome Candidate 2 Protein (WHSC2) Antibody

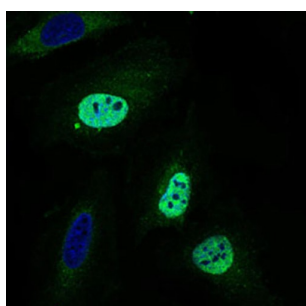
Catalogue No.: abx016020



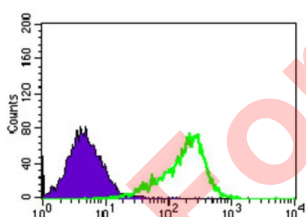
Western blot analysis using WHSC2 antibody against human WHSC2 recombinant protein. (Expected MW is 50.2 kDa).



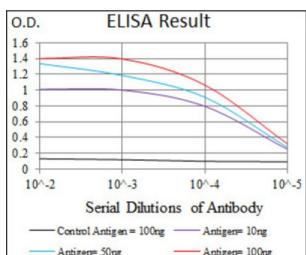
Western blot analysis using WHSC2 antibody against HEK293 (1) and WHSC2 (AA: 280-511)-hlgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using WHSC2 antibody against Jurkat (1), HeLa (2), HEK293 (3), A549 (4), and SPC-A-1 (5) cell lysate.



Immunofluorescence analysis of HeLa cells using WHSC2 antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HeLa cells using WHSC2 antibody (green) and negative control (purple).

# Datasheet

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This gene is expressed ubiquitously with higher levels in fetal than in adult tissues. It encodes a protein sharing 93% sequence identity with the mouse protein. Wolf-Hirschhorn syndrome (WHS) is a malformation syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4. This gene is mapped to the 165 kb WHS critical region, and may play a role in the phenotype of the WHS or Pitt-Rogers-Danks syndrome. The encoded protein is found to be capable of reacting with HLA-A2-restricted and tumor-specific cytotoxic T lymphocytes, suggesting a target for use in specific immunotherapy for a large number of cancer patients. This protein has also been shown to be a member of the NELF (negative elongation factor) protein complex that participates in the regulation of RNA polymerase II transcription elongation.

<b>Target:</b>	Wolf-Hirschhorn Syndrome Candidate 2 Protein (WHSC2)
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, WB, IHC, IF/ICC, FCM
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Purified recombinant fragment of human WHSC2 (AA: 280-511) expressed in E. coli.
<b>Isotype:</b>	IgG <sub>2b</sub>
<b>Form:</b>	Liquid
<b>Purification:</b>	Unpurified ascites.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q9H3P2 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	NELFA
<b>GeneID:</b>	<a href="#">7469</a>
<b>OMIM:</b>	<a href="#">606026</a>
<b>HGNC:</b>	12768
<b>Ensembl:</b>	ENSG00000185049
<b>String:</b>	<a href="#">9606.ENSP00000372335</a>

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**Molecular Weight:** 57.3 kDa

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Concentration:** Not determined.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only