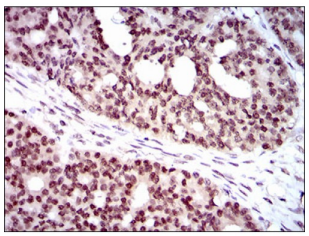
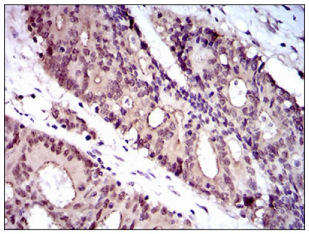
Wolf-Hirschhorn Syndrome Candidate 2 Protein (WHSC2) Antibody

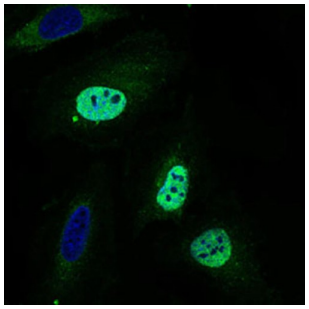
Catalogue No.:abx016020



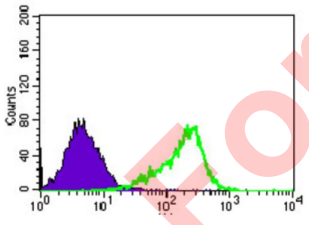
Western blot analysis using WHSC2 antibody against human WHSC2 recombinant protein. (Expected MW is 50.2 kDa).



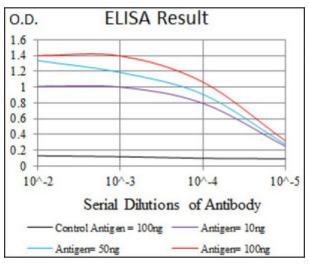
Western blot analysis using WHSC2 antibody against HEK293 (1) and WHSC2 (AA: 280-511) -hIgGFc transfected HEK293 (2) cell lysate.



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).

For Reference Only

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

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.

Target:	Wolf-Hirschhorn Syndrome Candidate 2 Protein (WHSC2)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	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.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human WHSC2 (AA: 280-511) expressed in E. coli.
Isotype:	IgG_{2b}
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9H3P2 (UniProt, ExPASy)
Gene Symbol:	NELFA
GeneID:	7469
OMIM:	606026
HGNC:	12768
Ensembl:	ENSG00000185049
String:	9606.ENSP00000372335

For Reference Only

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

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

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com