

产品名称: WHSC2 Mouse Monoclonal Antibody
产品货号: AMM83064



产品概述 (Summary)

产品名称 (Production Name)	WHSC2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	WHSC2
别名 (Alternative Names)	NELFA; NELF-A; P/OKcl.15
基因 ID (Gene ID)	7469.0
蛋白 ID (SwissProt ID)	Q9H3P2 .Purified recombinant fragment of human WHSC2 (AA: 280-511) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	57.3kDa

研究背景 (Background)

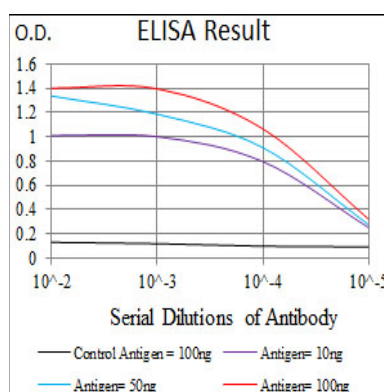
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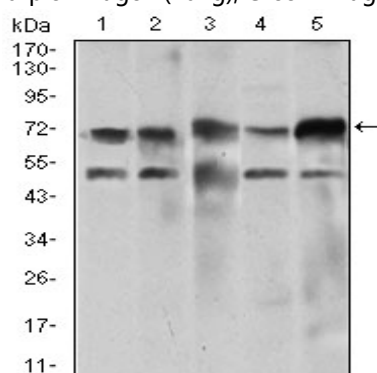
This gene is expressed ubiquitously with higher levels in fetal than in adult tissues. It encodes a protein sharing 93% sequence identity with the mouse protein. Wolf-Hirschhorn syndrome (WHS) is a malformation syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4. This 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.

研究领域 (Research Area)

图片 (Image Data)

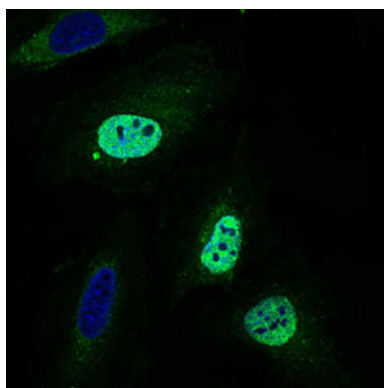


Red: Control Antigen (100ng), Purple: Antigen (10ng), Green: Antigen (50ng), Blue: Antigen (100ng),

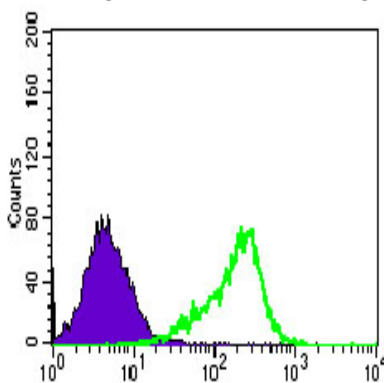


Western blot analysis using WHSC2 mouse mAb against Jurkat (1), HeLa (2), HEK293 (3), 4549 (4) and SPC-4-1 (5) cell lysate.

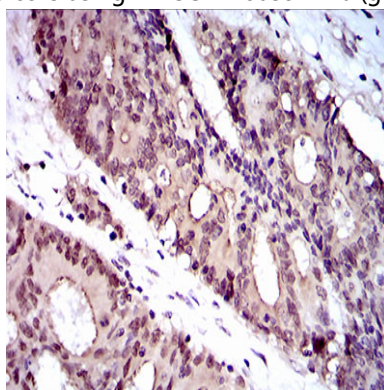
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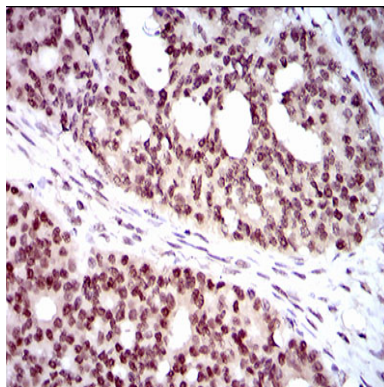
Immunofluorescence analysis of Hela cells using WHSC2 mouse mAb (green). Blue: DAPI fluorescent dye.



Flow cytometric analysis of HEK293 cells using WHSC2 mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded colon cancer tissues using WHSC2 mouse mAb with DAB staining.



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Immunohistochemical analysis of oaraffn-embedded ovariar cancer tissues using WHSC2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .