

WHSC2 monoclonal antibody

Catalog: MB23515

Host: Mouse

Reactivity: Human, Rat

BackGround:

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

57.3kDa

Swiss-Prot:

Q9H3P2

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

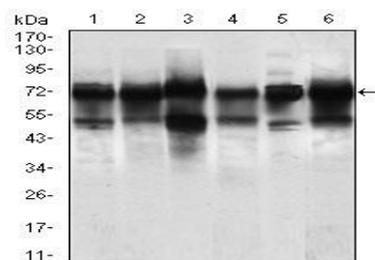
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

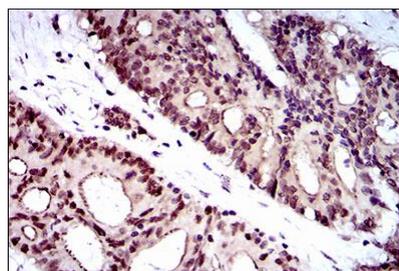
Isotype:

Mouse IgG2b

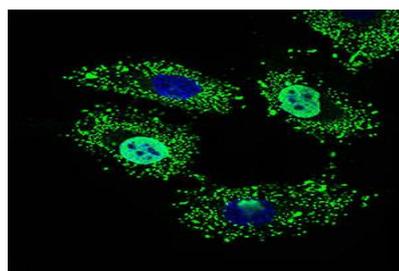
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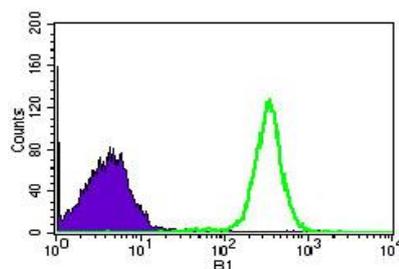
Western blot analysis using wsc2 mouse mAb against Jurkat(1), HeLa (2), HEK293 (3), 4549 (5)SPC-A-1 (6) cell lysate, and Rat brain(4) tissue lysate.



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



Immunofluorescence analysis of Hela cells using WHSC2 mouse mAb (green). Blue: DAA05 fluorescent DNA dye.



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PRODUCT DATA SHEET

Bioworld Technology, Inc.

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

Note:

For research use only, not for use in diagnostic procedure.

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