

Datasheet for ABIN1724802
anti-WHSC2 antibody (AA 280-511)

8 Images

2 Publications

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Overview

Quantity:	0.1 mg
Target:	WHSC2
Binding Specificity:	AA 280-511
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This WHSC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human WHSC2 (AA: 280-511) expressed in E. coli.
Clone:	6B11H8
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	WHSC2
Alternative Name:	WHSC2 (WHSC2 Products)
Background:	Description: This gene is expressed ubiquitously with higher levels in fetal than in adult tissues.

Target Details

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. , ,

Aliases: NELFA, NELF-A, P/OKcl.15

Molecular Weight: 57.3 kDa

Gene ID: 7469

HGNC: 7469

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

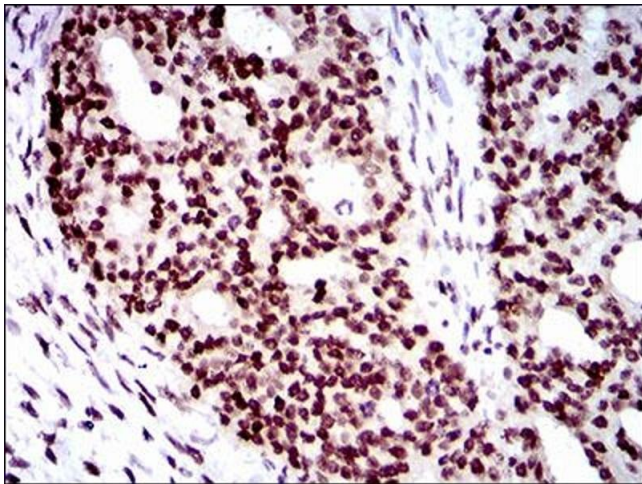
Publications

Product cited in: Zuhlke, Johnson, Okoth, Stoffel, Robbins, Tembe, Salinas, Zheng, Xu, Carpten, Lange, Isaacs, Cooney: "Identification of a novel NBN truncating mutation in a family with hereditary prostate

cancer." in: **Familial cancer**, Vol. 11, Issue 4, pp. 595-600, (2012) ([PubMed](#)).

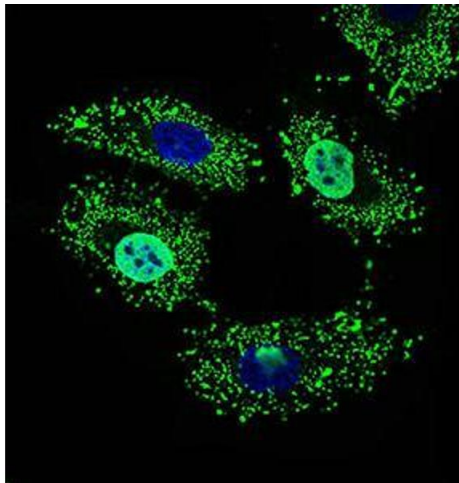
Zheng, Zhang, Jiang, You, Liu, Lu, Zhou: "Functional NBS1 polymorphism is associated with occurrence and advanced disease status of nasopharyngeal carcinoma." in: **Molecular carcinogenesis**, Vol. 50, Issue 9, pp. 689-96, (2011) ([PubMed](#)).

Images



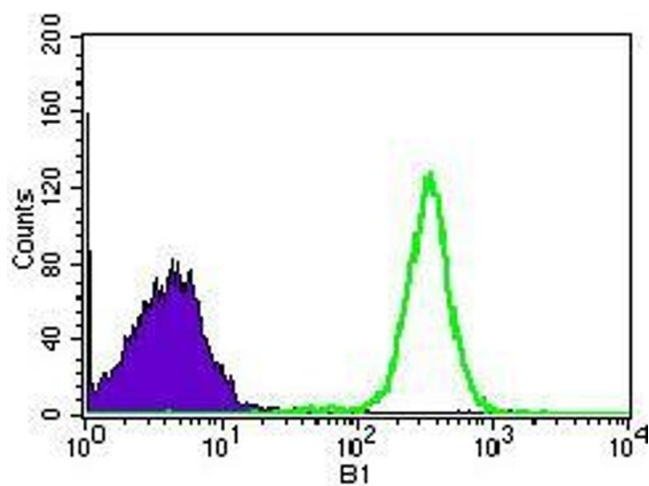
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using WHSC2 mouse mAb with DAB staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using WHSC2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow Cytometry

Image 3. Flow cytometric analysis of HEK293 cells using WHSC2 mouse mAb (green) and negative control (purple).

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN1724802.