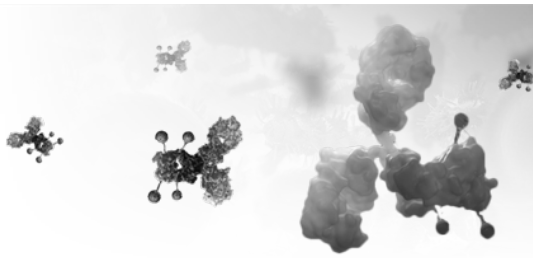

Mouse anti-Human WHSC2 monoclonal antibody, clone 7C22I9 (CABT-B9582)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Purified recombinant fragment of human WHSC2 (amino acids: 280-511) expressed in E. Coli.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human, Rat
Clone	7C22I9
Purification	purified
Conjugate	Unconjugated
Applications	FC, ICC, IF, IHC, WB
Format	Liquid
Concentration	1 mg/ml
Size	100 µg
Buffer	PBS with 0.5% proprietary stabilizer
Preservative	0.05% sodium azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

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Introduction	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.
Keywords	WHSC2; Wolf-Hirschhorn syndrome candidate 2; negative elongation factor A; NELF A; wolf-Hirschhorn syndrome candidate 2 protein; NELFA; NELF-A; P/OKcl.15; FLJ10442; FLJ25112;

GENE INFORMATION

Entrez Gene ID	7469
UniProt ID	Q9H3P2

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