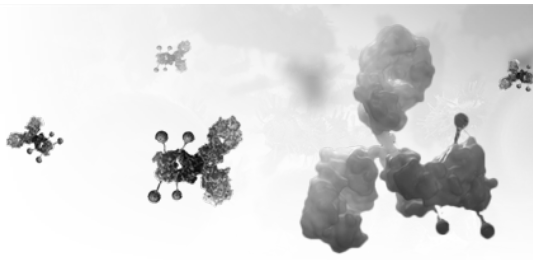

Human HIC1 peptide (DAG-P0539)

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

PRODUCT INFORMATION

Antigen Description	This gene functions as a growth regulatory and tumor repressor gene. Hypermethylation or deletion of the region of this gene have been associated with tumors and the contiguous-gene syndrome, Miller-Dieker syndrome. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2010]
Specificity	Ubiquitously expressed with highest levels found in lung, colon, prostate, thymus, testis and ovary. Expression is absent or decreased in many tumor cells.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the krueppel C2H2-type zinc-finger protein family. Hic subfamily.Contains 1 BTB (POZ) domain.Contains 5 C2H2-type zinc fingers.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	HIC1 hypermethylated in cancer 1 [Homo sapiens (human)]
Official Symbol	HIC1
Synonyms	HIC1; hypermethylated in cancer 1; hic-1; ZBTB29; ZNF901; hypermethylated in cancer 1 protein; zinc finger and BTB domain-containing protein 29;
Entrez Gene ID	3090

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mRNA Refseq	NM_001098202.1
Protein Refseq	NP_001091672.1
UniProt ID	Q14526
Chromosome Location	17p13.3
Pathway	Direct p53 effectors, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem;
Function	histone deacetylase binding; metal ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity;

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