



Human PCGF2 peptide (DAG-P0849)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene contains a RING finger motif and is similar to the polycomb group (PcG) gene products. PcG gene products form complexes via protein-protein interaction and maintain the transcription repression of genes involved in embryogenesis, cell cycles, and tumorigenesis. This protein was shown to act as a negative regulator of transcription and has tumor suppressor activity. The expression of this gene was detected in various tumor cells, but is limited in neural organs in normal tissues. Knockout studies in mice suggested that this protein may negatively regulate the expression of different cytokines, chemokines, and chemokine receptors, and thus plays an important role in lymphocyte differentiation and migration, as well as in immune responses. [provided by RefSeq, Jul 2008]
Specificity	Detected in all tissues examined with high expression found in placenta lung and kidney and low expression, in liver, pancreas and skeletal muscle.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 RING-type zinc finger.
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	PCGF2 polycomb group ring finger 2 [Homo sapiens (human)]
Official Symbol	PCGF2
Synonyms	PCGF2; polycomb group ring finger 2; MEL-18; RNF110; ZNF144; polycomb group RING finger

protein 2; ring finger protein 110; zinc finger protein 144; DNA-binding protein Mel-18;

Entrez Gene ID	7703
mRNA Refseq	NM_007144.2
Protein Refseq	NP_009075.1
UniProt ID	P35227
Chromosome Location	17q12
Function	DNA binding; chromatin binding; protein binding; sequence-specific DNA binding transcription factor activity; ubiquitin-protein ligase activity; zinc ion binding;