



Human PCGF2 blocking peptide (CDBP1858)

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

PRODUCT INFORMATION

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| Product Overview | Blocking/Immunizing peptide for anti-MEL18/PCGF2 antibody |
| 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] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

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| Gene Name | PCGF2 polycomb group ring finger 2 [Homo sapiens (human)] |
| Official Symbol | PCGF2 |

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| 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; |