

## CDKN2A 抗原

中文名称： CDKN2A 抗原

英文名称： CDKN2A Antigen

相关类别： 抗原

储 存： 冷冻（-20℃）

### 概述

Synthetic peptide corresponding to a region derived from 144-156 amino acids of human cyclin-dependent kinase inhibitor 2A

### 技术规格

<b>Background</b>	This gene generates several transcript variants which differ in their first exons. At least three alternatively spliced variants encoding distinct proteins have been reported, two of which encode structurally related isoforms known to function as inhibitors of CDK4 kinase. The remaining transcript includes an alternate first exon located 20 Kb upstream of the remainder of the gene; this transcript contains an alternate open reading frame (ARF) that specifies a protein which is structurally unrelated to the products of the other variants. This ARF product functions as a stabilizer of the tumor suppressor protein p53 as it can interact with, and sequester, the E3 ubiquitin-protein ligase MDM2, a protein responsible for the degradation of p53.
<b>Gene Accession</b>	NP_000068
<b>Swissprot</b>	P42771
<b>Synonyms</b>	ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A
<b>Full name</b>	cyclin-dependent kinase inhibitor 2A

