



## Properties

**Storage instructions** Store at -80°C. Please refer to protocols.

Components	1 kit
ab260130 - Human CDKN2B knockout HeLa cell lysate	1 x 100µg
ab255552 - Human wild-type HeLa cell lysate	1 x 100µg

<b>Cell type</b>	epithelial
<b>Disease</b>	Adenocarcinoma
<b>Gender</b>	Female
<b>STR Analysis</b>	Amelogenin X D5S818: 11, 12 D13S317: 12, 13.3 D7S820: 8, 12 D16S539: 9, 10 wWA: 16, 18 TH01: 7 TPOX: 8, 12 CSF1PO: 9, 10

## Target

**Function** Interacts strongly with CDK4 and CDK6. Potent inhibitor. Potential effector of TGF-beta induced cell cycle arrest.

**Sequence similarities** Belongs to the CDKN2 cyclin-dependent kinase inhibitor family. Contains 4 ANK repeats.

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab257267 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>Sanger Sequencing</b>		Use at an assay dependent concentration.

## Images

Mut	GGGCCCGCTGCAGCTCTGGGGGCTG-----AGGAGAACAAGGGCATGCCAGTGG
WT	GGGCCCGCTGCAGCTCTGGGGGCTGCAGGAATGCGCGAGGAGAACAAGGGCATGCCAGTGG
Sanger Sequencing - Human CDKN2B knockout HeLa cell lysate (ab257267)	

Homozygous: 11 bp deletion in exon 1

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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