Leader in Biomolecular Solutions for Life Science

www.abclonal.com

WDR44 Knockout HeLa Cell Line, Homozygous

Catalog No.: RM02682

Basic Information

Catalog No.
RM02682

Category
Cell Line

Parental Cell line
HeLa

Genotype
Knockout

Background

This gene encodes a protein that interacts with the small GTPase rab11. A similar protein in rat binds the GTP-containing active form of rab11. This protein may play a role in endosome recycling. Alternate splicing results in multiple transcript variants.

Gene Information

Gene Symbol
WDR44

Species
Human

Gene ID
54521

Swiss Prot
Q5JSH3

Synonyms
RPH11; SYM-4; RAB11BP

Product Information

Description
WDR44 Knockout cell line is engineered from HeLa cell line with Gene-Editing Technology.
Allele-1:113bp deletion in exon4
Allele-2:113bp deletion in exon4
Mammalian cells such as human, rat and mouse cells are normally diploid with two alleles. Homozygote: both alleles were knocked out, mRNA has no signal, no expression of proteins. Heterozygote: only one allele was knocked out, the mRNA transcript levels was decreased compared to wild type, and the protein expression levels was also lower than that of the wild type.

Packaging
1 vial parental cell line and 1 vial knockout cell line

Shipping Conditions
Dry ice

Amount
1~5x10^6 cells/vial.

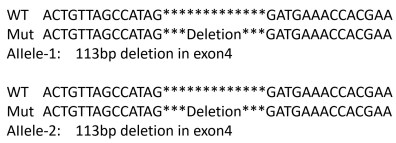
Storage
Store at -20℃

Protocol
Upon arrival, it should be maintained in DMEM medium with 10%(v/v) fetal bovine serum and 100U penicillin-streptomycin, at 37℃ with 5% CO_2 condition.
1. Thaw the vial in 37℃ water bath ,and shake it to melt as soon as possible.
2. Transfer the cell suspension to a 15mL conical tube with pre-warmed 5mL complete medium and centrifuge 1000rpm for approximately 5 minutes at room temperature.
3. Remove and discard the supernatant.
4. Resuspend the cell pellet with 1mL pre-warmed complete medium and seed in 10cm dish.
5. Add 8-10mL of complete medium.
6. Incubate the culture at 37℃ incubator with 5% CO_2.
7. A subcultivation ratio of 1:2-1:4 is recommended.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Sequencing data



Genome sequence analysis of PCR products from parental (WT) and WDR44 knockout (KO) HeLa cells, using sanger sequencing.