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NDRG2 Knockout MA1800 Cell Lysate, Homozygous

Catalog No.: RM02284

Basic Information

Catalog No.
RM02284

Category
Cell Lysate

Parental Cell line
MA1800

Genotype
Knockout

Gene Information

Gene Symbol
NDRG2

Species
Mouse

Gene ID
29811

Synonyms
AI182517; AU040374; Ndr2; SYLD

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Background

Product Information

Description
NDRG2 Knockout MA1800 Cell Line is engineered from MA1800 cell line with Gene-Editing technology.
Allele-1:1bp deletion in exon2
Allele-2:1bp deletion in exon2
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 Lysate and 1 vial knockout cell Lysate

Shipping Conditions
4℃

Amount
50μL, 2μg/μL.

Storage
Store at -20℃

Protocol
To be used as WB control. Lysate is supplied in 1× SDS sample buffer (2% SDS, 60 mM Tris-HCl pH 6.8, 10% Glycerol, 0.02% Bromophenol blue, 60 mM beta-mercaptoethanol). Lysate should be boiled for 3 - 5 minutes before loading onto gel.

Sequencing data



Genome sequence analysis of PCR products from parental (WT) and NDRG2 knockout (KO) MA1800 cells, using sanger sequencing.