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GSDMD Knockdown HeLa Cell Lysate, Heterozygous

Catalog No.: RM02359

Basic Information

Catalog No.
RM02359

Category
Cell Lysate

Parental Cell line
HeLa

Genotype
Knockdown

Gene Information

Gene Symbol
GSDMD

Species
Human

Gene ID
79792

Swiss Prot
P57764

Synonyms
DF5L; DFNA5L; FKSG10; GSDMDC1

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Background

Gasdermin D is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. Gasdermin D has been suggested to act as a tumor suppressor. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]

Product Information

Description
GSDMD Knockdown HeLa Cell Line is engineered from HeLa cell line with Gene-Editing technology.
Allele-1:1bp insertion and 16bp deletion in exon1
Allele-2:85bp deletion in exon1
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

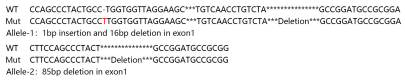
Shipping Conditions
4℃

Amount
50μL, 2μg/μL.

Storage
Lysate is stable for 12 months when stored at -20℃. Minimizing freeze-thaw cycles.

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 GSDMD Knockdown (KD) HeLa cells, using sanger sequencing.