

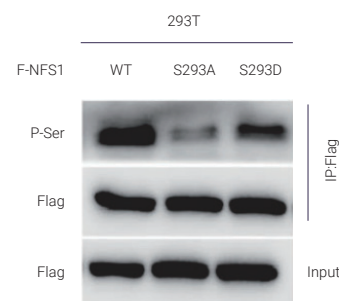
Kits

Magnetic Beads and Agarose	Cat. No: HY-K0202 Protein A/G Magnetic Beads	Cat. No: HY-K0207 Anti-Flag Magnetic Beads	Cat. No: HY-K0208 Streptavidin Magnetic Beads
Inhibitor Cocktails	Cat. No: HY-K0030 Deacetylase Inhibitor Cocktail	Cat. No: HY-K0021 Phosphatase Inhibitor Cocktail I	Cat. No: HY-K0010 Protease Inhibitor Cocktail
Cell Culture and Analysis	Cat. No: HY-K0301 Cell Counting Kit-8	Cat. No: HY-K2014 PEI Transfection Reagent	Cat. No: HY-K1090 Cytotoxicity LDH Assay Kit
	Cat. No: HY-K1014 PolyFast Transfection Reagent	Cat. No: HY-K1059 BM-Cyclin	Cat. No: HY-K0302 CTG Cell Viability Detection
Other Kits	Cat. No: HY-K1005 Ultra High Sensitivity ECL Kit	Cat. No: HY-K1033 RNase Inhibitor	Cat. No: HY-K1001 RIPA Lysis Buffer (Strong)

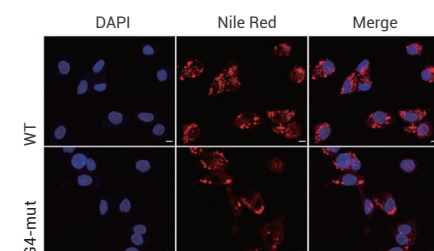
Customer Validation

Example 1

Cell line: 293T cells (WT, S293A mutant, S293D mutant)
Application: IP analysis demonstrating the serine phosphorylation level of NFS1 in cells overexpressing WT NFS1 or the S293A or S293D mutant of NFS1 in the absence of Oxaliplatin (HY-K0202 Protein A/G Magnetic Beads)
Cited in: *Signal Transduct Target Ther.* 2022 Feb 28; 7(1):54.



Example 2

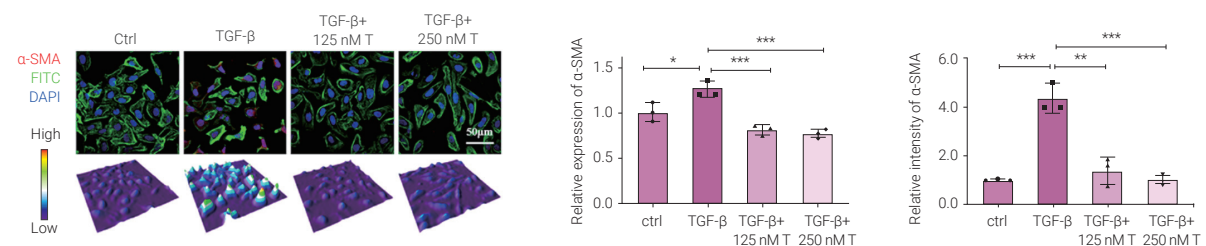


Cell line: G4 cell lines
Application: The detection of TAG content in mutant and wild-type cells with Nile Red (HY-D0718) staining revealed that TAG content significant decrease obviously in G4-mutant cells.
Cited in: *Nucleic Acids Res.* 2022 Jun 24;50(12):6953-67.

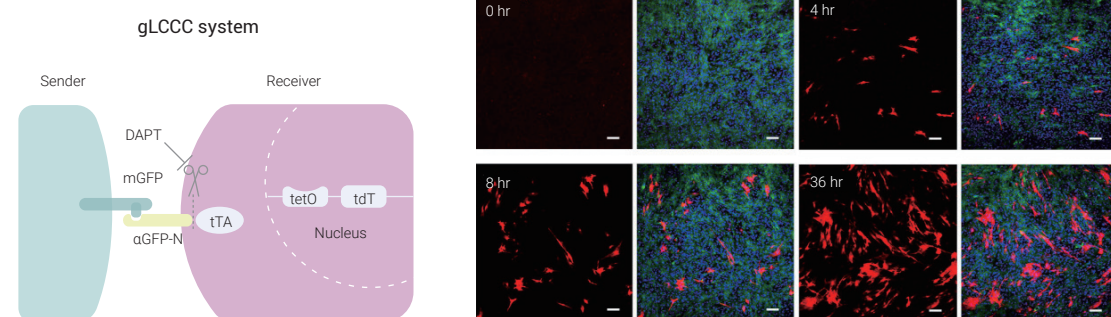
For more details, please visit our online website
www.MedChemExpress.com

Example 3

Cell line: HaCaT cell lines
Application: IF micrographs of TGF- β (HY-P7118, 5 ng/mL) and tFNA-treated HaCaT cells (scar bars are 50 μ m), 3D-reconstruction diagrams, and statistical analyses of IF and WB results for protein expression.
Cited in: *ACS Appl Mater Interfaces.* 2022 Apr 6;14(13):15069-15079.



Example 4



Cell line: CMs as sender cells and ECs as receiver cells
Principle: The artificially modified Notch signaling pathway is used to manipulate two adjacent cells in vivo. The ligand and receptor bind specifically, causing the conformational change of Notch across membrane segments. γ -secretase severs the connections between transmembrane and intracellular segments to release synthetic genetic elements in the intracellular segments, such as tTA and Gal4. This system is called the gLCCC system.
Application: The "sending" cells and "receiving" cells were co-cultured with DAPT (HY-13027) for 0-36 hours, respectively. tTA signal showed an obvious strengthening trend with the extension of time.
Cited in: *Science.* 2022 Dec 2;378(6623):eabo5503.

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Cell. 2023 Feb 2;186(3):591-606.e23.
Doxycycline purchased from MCE.

Nature. 2023 Jan;613(7942):187-194.
S63845, Venetoclax, A-1331852 purchased from MCE.

Nature. 2023 Feb;614(7947):326-333.
Finerenone purchased from MCE.

Cell. 2023 Jan 5;S0092-8674(22)01538-0.
Homoharringtonine purchased from MCE.

Science. 2022 Nov 18;378(6621):eabq7361.
Nocodazole, Milrinone, Hoechst 33342 purchased from MCE.

Nature. 2022 Dec;612(7941):725-731.
Chloroquine purchased from MCE.

Cell. 2023 Jan 19;186(2):413-427.e17.
DAMGO TFA, Deltorphin 2 TFA purchased from MCE

Science. 2022 Oct 14;378(6616):eabq0132.
IL-18BP, Mouse purchased from MCE.

Science. 2022 Dec 2;378(6623):eabo5503.
DAPT purchased from MCE.

Cancer Research

Cat. No: HY-13259
MG-132
Proteasome Inhibitor
📖 556 Citations

Cat. No: HY-10219
Rapamycin
mTOR Inhibitor
📖 529 Citations

Cat. No: HY-100579
Ferrostatin-1
Ferroptosis Inhibitor
📖 284 Citations

Cat. No: HY-17589A
Chloroquine
Autophagy/TLRs Inhibitor
📖 224 Citations

Cat. No: HY-14648
Dexamethasone
GR Agonist
📖 86 Citations

Cat. No: HY-15371
Forskolin
Adenylate Cyclase Activator
📖 59 Citations

Cat. No: HY-P7109
EGF, Human

Cat. No: HY-P7025
IFN-gamma, Human

Cat. No: HY-P7118
TGF beta 1/TGFB1, Human

Cat. No: HY-15763
Erastin
Ferroptosis Inducer
📖 158 Citations

Cat. No: HY-19312
3-Methyladenine (3-MA)
PI3K Inhibitor
📖 475 Citations

Cat. No: HY-17394
Cisplatin
DNA Alkylator
📖 263 Citations

Cat. No: HY-12815A
MCC950 sodium
NLRP3 Inhibitor
📖 96 Citations

Cat. No: HY-11109
Resatorvid (TAK-242)
TLR4 Inhibitor
📖 291 Citations

Cat. No: HY-12318
IBMX
Phosphodiesterase Inhibitor
📖 Cited by *Mol Cell*.

Cat. No: HY-P7058
TNF-alpha/TNFSF2, Human

Cat. No: HY-P7004
FGF basic/bFGF, Human

Cat. No: HY-P7085
M-CSF, Mouse

Cat. No: HY-100558
Bafilomycin A1
V-ATPase Inhibitor
📖 239 Citations

Cat. No: HY-100218A
RSL3
Ferroptosis Activator
📖 95 Citations

Cat. No: HY-16658B
Z-VAD-FMK
Pan Caspase Inhibitor
📖 190 Citations

Cat. No: HY-B0579
Cyclosporin A
Calcineurin Inhibitor
📖 71 Citations

Cat. No: HY-19363
GW4869
N-SMase Inhibitor
📖 84 Citations

Cat. No: HY-18739
PMA
SphK/PKC Activator
📖 40 Citations

Cat. No: HY-D0969
DiO

Cat. No: HY-D0940
H2DCFDA (Green)

Cat. No: HY-W090090
BODIPY 493/503

Cat. No: HY-B0215
Acetylcysteine
ROS Inhibitor
📖 210 Citations

Cat. No: HY-10162
Olaparib
PARP Inhibitor
📖 139 Citations

Cat. No: HY-10108
LY294002
PI3K Inhibitor
📖 562 Citations

Cat. No: HY-13027
DAPT
γ-secretase Inhibitor
📖 72 Citations

Neurological Disease Research

Cat. No: HY-114153
PLX5622
CSF1R Inhibitor
📖 Cited by *Nature*.

Cat. No: HY-18749
SC79
Akt Activator
📖 104 Citations

Cat. No: HY-15534
JC-1

Cat. No: HY-D0041
Calcein-AM

Cat. No: HY-D1301
BODIPY 581/591 C11

Biochemical Assay Reagents

Cat. No: HY-Y1891
Tween 80

Cat. No: HY-Y0320
Dimethyl sulfoxide

Cat. No: HY-10583
Y-27632 dihydrochloride
ROCK Inhibitor
📖 147 Citations

Cat. No: HY-13757A
Tamoxifen
Estrogen Receptor Modulator
📖 Cited by *Cell*.

Cat. No: HY-B0015
Paclitaxel
Antineoplastic Agent
📖 129 Citations

Metabolic Disease Research

Cat. No: HY-17386
Rosiglitazone
PPARγ Agonist
📖 53 Citations

Cat. No: HY-B0240
Disulfiram
ALDH1 Inhibitor
📖 Cited by *Nat Cancer*.

Cat. No: HY-B0627
Metformin
AMPK Activator
📖 34 Citations

Cat. No: HY-15162A
MMAE-d₈

Cat. No: HY-13631AS
Exatecan-d₈ mesylate

Cat. No: HY-19939S
VX-984

Isotope-Labeled Compounds

Cat. No: HY-13418A
Dorsomorphin
AMPK Inhibitor
📖 279 Citations

Cat. No: HY-100523
ML385
NRF2 Inhibitor
📖 182 Citations

Cat. No: HY-114277
Sotorasib
KRAS G12C Covalent Inhibitor
📖 Cited by *Nat Genet*.

Cardiovascular Disease Research

Cat. No: HY-B0468
Isoprenaline hydrochloride
β-adrenergic Receptor Agonist
📖 Cited by *Science*.

Cat. No: HY-17567A
Heparin sodium salt
Anticoagulant
📖 Cited by *Cell Res*.

Cat. No: HY-18723
Yoda 1
Piezo1 Agonist
📖 Cited by *Cancer Commun*.

Cat. No: HY-P1731B
Tirzepatide hydrochloride

Cat. No: HY-P0035
Insulin (human)

Cat. No: HY-13443
Exendin-4

Inhibitory Antibodies

Cat. No: HY-P9906
Bevacizumab

Cat. No: HY-P9908
Adalimumab

Cat. No: HY-P9912
Pertuzumab

Anti-Infection Research

Cat. No: HY-B1743A
Puromycin dihydrochloride
Antibiotic
📖 81 Citations

Cat. No: HY-13433
Thapsigargin
Ca²⁺-ATPase Inhibitor
📖 30 Citations

Cat. No: HY-16592
Brefeldin A
CRISPR/Cas9 Activator
📖 Cited by *Nat Microbiol*.

Endocrinology Research

Cat. No: HY-101952
Prostaglandin E2
Hormone-like Substance
📖 Cited by *Cell Stem Cell*.

Cat. No: HY-N0583
Hydrocortisone
Steroid Hormone
📖 Cited by *Nature*.

Cat. No: HY-B0141
Estradiol
Female Sex Hormone
📖 35 Citations

Cat. No: HY-P9926
Dupilumab

Cat. No: HY-P9901
Ipilimumab

Cat. No: HY-P9902
Pembrolizumab

Cat. No: HY-13434
Ionomycin
Calcium Ionophore/Antibiotic
📖 Cited by *Cell Mol Immunol*.

Cat. No: HY-10221
Vorinostat
HDAC Inhibitor
📖 72 Citations