

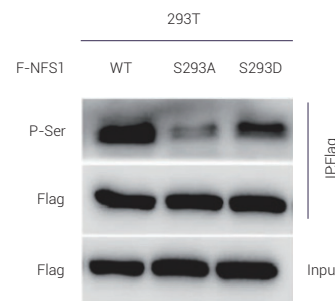
**Kits**

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

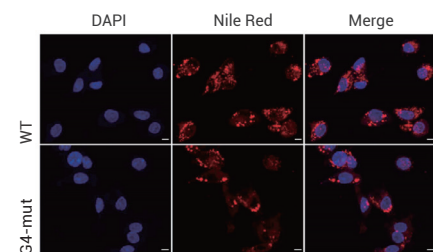
**Customer Validation**

**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**

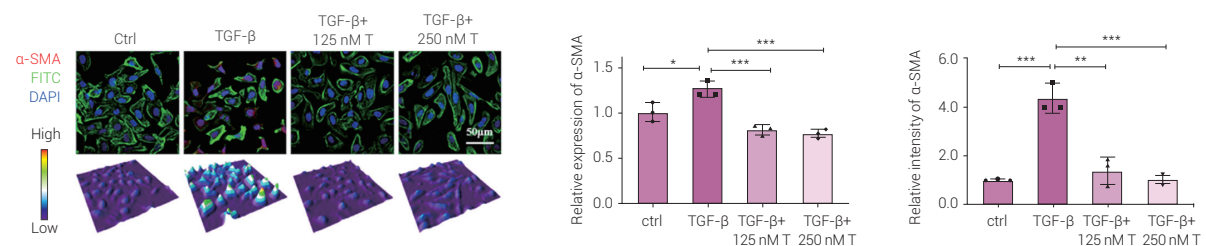


**Cell line:** G4 cell lines  
**Application:** The detection of TAG content in mutant and wild-type cells with Nile Red (HY-D0718) staining revealed that TAG content significant decrease obviously in G4-mutant cells.  
Cited in: *Nucleic Acids Res.* 2022 Jun 24;50(12):6953-67.

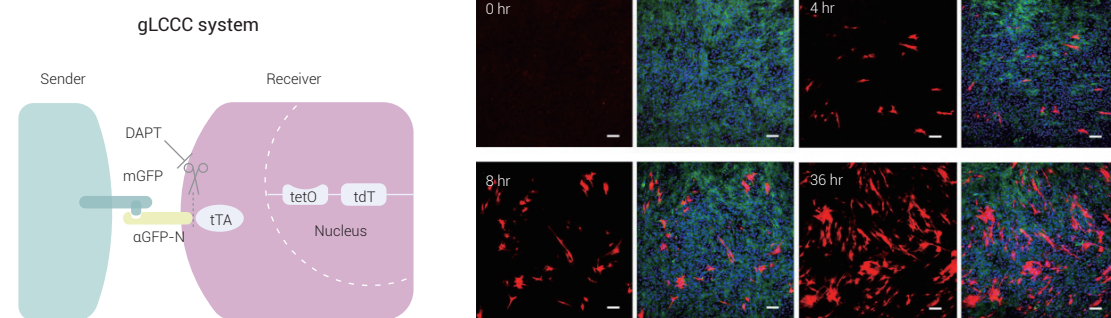
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**Example 3**

**Cell line:** HaCaT cell lines  
**Application:** IF micrographs of TGF- $\beta$  (HY-P7118, 5 ng/mL) and tFNA-treated HaCaT cells (scar bars are 50  $\mu$ 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.  $\gamma$ -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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<i>Cell.</i> 2023 Feb 2;186(3):591-606.e23. Doxycycline purchased from MCE.	<i>Nature.</i> 2023 Jan;613(7942):187-194. S63845, Venetoclax, A-1331852 purchased from MCE.	<i>Nature.</i> 2023 Feb;614(7947):326-333. Finerenone purchased from MCE.
<i>Cell.</i> 2023 Jan 5;S0092-8674(22)01538-0. Homoharringtonine purchased from MCE.	<i>Science.</i> 2022 Nov 18;378(6621):eabq7361. Nocodazole, Milrinone, Hoechst 33342 purchased from MCE.	<i>Nature.</i> 2022 Dec;612(7941):725-731. Chloroquine purchased from MCE.
<i>Cell.</i> 2023 Jan 19;186(2):413-427.e17. DAMGO TFA, Deltorphin 2 TFA purchased from MCE	<i>Science.</i> 2022 Oct 14;378(6616):eabq0132. IL-18BP, Mouse purchased from MCE.	<i>Science.</i> 2022 Dec 2;378(6623):eabo5503. DAPT purchased from MCE.

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## Cancer Research

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

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

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

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

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

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

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

Cat. No: HY-100381  
**Nigericin sodium salt**  
NLRP3 Activator  
31 Citations

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

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

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

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

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

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

## Anti-Infection Research

Cat. No: HY-13433  
**Thapsigargin**  
Ca<sup>2+</sup>-ATPase Inhibitor  
30 Citations

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Inflammation/Immunology Research

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

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

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

## Neurological Disease Research

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

## Metabolic Disease Research

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

## Cardiovascular Disease Research

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

## Endocrinology Research

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

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

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

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

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

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

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

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

## Recombinant Proteins

Cat. No: HY-P7109  
**EGF, Human**

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

Cat. No: HY-D0940  
**DiO**

Cat. No: HY-15534  
**JC-1**

Cat. No: HY-17031  
**SBE-β-CD**

Cat. No: HY-15162A  
**MMAE-d<sub>8</sub>**

Cat. No: HY-P1731B  
**Tirzepatide hydrochloride**

Cat. No: HY-P9906  
**Bevacizumab**

Cat. No: HY-P9926  
**Dupilumab**

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

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

## Fluorescent Dyes

Cat. No: HY-D0940  
**H2DCFDA (Green)**

Cat. No: HY-D0041  
**Calcein-AM**

## Biochemical Assay Reagents

Cat. No: HY-Y1891  
**Tween 80**

## Isotope-Labeled Compounds

Cat. No: HY-13631AS  
**Exatecan-d<sub>5</sub> mesylate**

## Peptides

Cat. No: HY-P0035  
**Insulin (human)**

## Inhibitory Antibodies

Cat. No: HY-P9908  
**Adalimumab**

Cat. No: HY-P9901  
**Ipilimumab**

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

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

Cat. No: HY-W090090  
**BODIPY 493/503**

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

Cat. No: HY-Y0320  
**Dimethyl sulfoxide**

Cat. No: HY-19939S  
**VX-984**

Cat. No: HY-13443  
**Exendin-4**

Cat. No: HY-P9912  
**Pertuzumab**

Cat. No: HY-P9902  
**Pembrolizumab**