

mRNA-PD-L1 (CD274)

mRNA-PD-L1 (CD274) is a ready-to-use mRNA product encoding a fusion protein of eGFP and CD274 (PD-L1, Programmed Death-Ligand 1). It is suitable for tumor immunology research, cell tracking, and studies of the PD-L1 signaling pathway. This mRNA encodes an enhanced green fluorescent protein (eGFP) fused to the extracellular domain of PD-L1, enabling fluorescence labeling as well as dynamic monitoring of PD-L1 expression and localization. It is widely used for tumor microenvironment analysis and investigation of immunotherapy targets.

| Name | Cat.No | Scale | State |
|--------------------|--------------|-------|--------------------|
| mRNA-PD-L1 (CD274) | LS-RMAbt-044 | 1mg | Lyophilized/Liquid |

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

mRNA length: 1170 nt

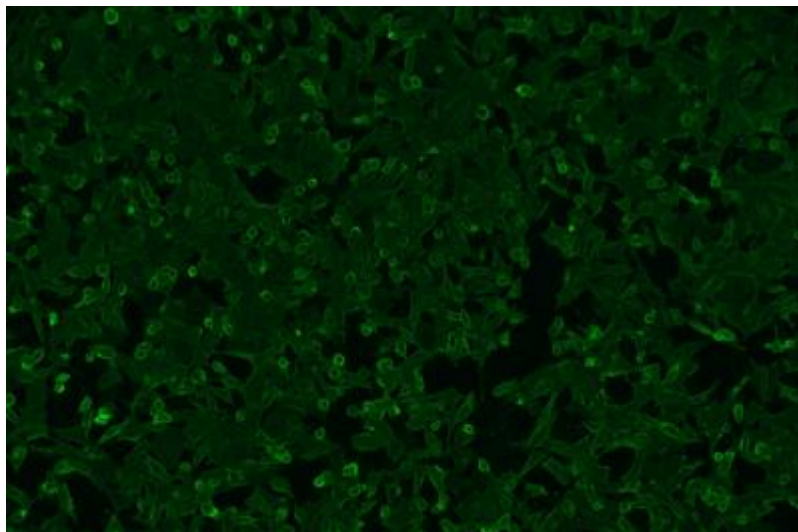
Amino acid sequence size: 290 kDa

Handling and Storage: store at – 80°C for long term

Cell Expression result:

Cell Line: A549 Culture Plate: 96-well plate Cell Confluency: 80%

Transfection Dose: 200 ng per well



Amino acid sequence:

MRIFAVFIFMTYWHELLNAFTVTVPKDLYVVEYGSNMTIECKFPVEKQLDLAALIVYWE
MEDKNIIQFVHGEECLKVQHSSYRQRARLLKDQLSLGNAALQITDVKLQDAGVYRC
MISYGGADYKRITVKVNAPYNKINQRILVVDVPTSEHELTCQAEGYPKAEVIWTSSDH
QVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYCTFRRLDPEENHTAELVIPPLA
HPPNERHLVILGAILLCLGVALTFIFRLRKGRMMDVKKCGIQDTNSKKQSDTHLEET