# Recombinant Human CLDN18.2 (N-Twin strep-Flag)

*Catalog#:PHH2426*

## 概述（Summary）

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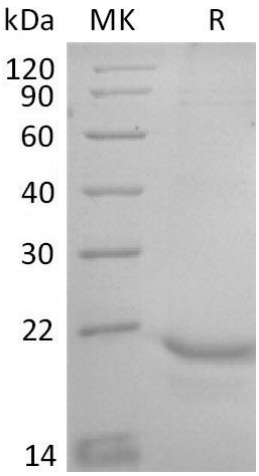
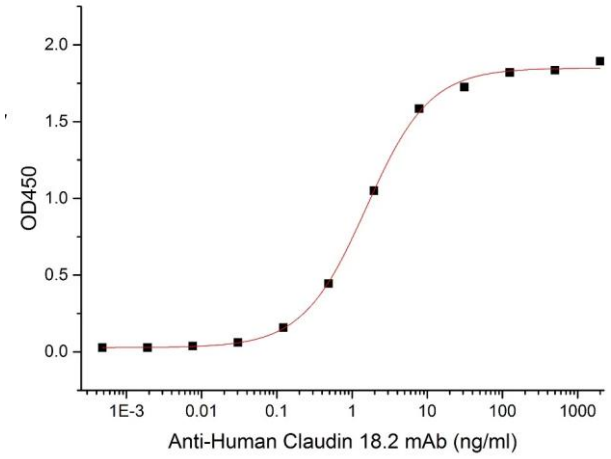
|---|---|
| **别称（Alternative Names）** | Claudin-18.2; CLDN18.2; CLDN18; Claudin-18; Claudin 18.2 |
| **纯度（Purity）** | Greater than 95% as determined by reducing SDS-PAGE |
| **内毒素（Endotoxin level）** | <1 EU/μg as determined by LAL test. |
| **蛋白构建（Construction）** | Flag-Twin strep-【Met1-Ala200】 |
| **Accession #** | P56856-2 |
| **表达宿主（Host）** | HEK293 |
| **种属（Species）** | Human |
| **预测分子量（Predicted MW）** | 25.5 kDa |
| **制剂（Form）** | Lyophilized From a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 0.06% DDM, 0.012% CHS, 10% Glycerol, pH 7.5. |
| **运输方式（Shipping）** | The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | 12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles. |

## 电泳图（SDS-PAGE image）

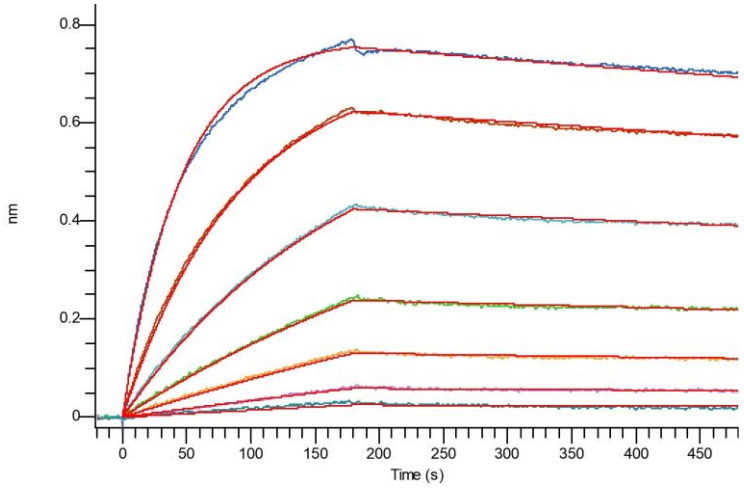



Greater than 70% as determined by reducing SDS-PAGE.

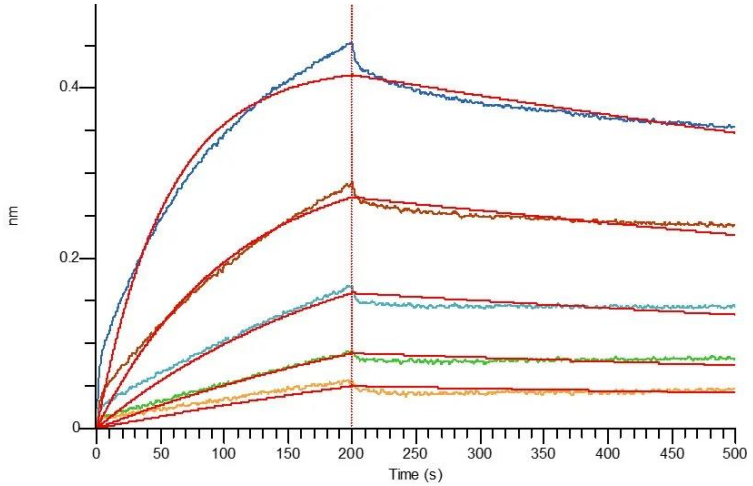
## 活性图（Bioactivity image）




Immobilized Human CLDN18.2-Twin strep-Flag at 5μg/ml (100 μl/well)can bind Anti-Human Claudin 18.2 mAb.The ED50 of Anti-Human Claudin 18.2 mAb is 29.75 ng/ml.




Loaded Anti-Human Claudin 18.2 mAb on Pro-A Biosensor, can bind Recombinant Human CLDN18.2 (N-Twin strep-Flag) with an affinity constant of 6.47 nM as determined in BLI assay. (Regularly tested)




Loaded Anti-Human Claudin 18.2 mAb-Fc on AHC Biosensor, can bind Human Claudin-18.2-Flag with an affinity constant of 6.76 nM as determined in BLI assay.

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.