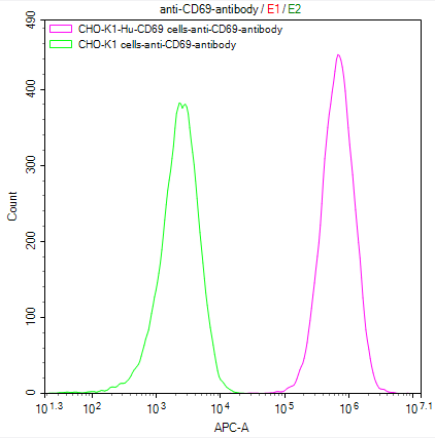
# Human CD69 Overexpression CHOK1 Cell Line

Catalog # U0625 Size

## Applications




### Flow Cytometry

Untransfected CHO-K1 cells (green line) and transfected Human CD69 CHO-K1 stable cells (red line) were stained with anti-CD69 antibody, washed and then followed by FITC-conjugated anti-Mouse IgG Fc antibody and analyzed with flow cytometry.

## Specification

| | |
|---|---|
| **Product Description** | Human CD69 CHOK1 Stable Cell Line |
| **Transfected Cell Line** | CHOK1 cell |
| **Host** | Hamster |
| **Form** | Liquid |
| **Recommend Usage** | ELISA<br>Flow Cytometry |
| **Growth Properties** | Adherent |
| **Selection Marker** | Puromycin |
| **Culture Medium** | F-12K + 10% FBS + 10 ug/mL Puromycin |
| **Storage Buffer** | 35% FBS, 55% F-12K, 10% DMSO |

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|---|---|
| **Storage Instruction** | Store at -80°C. For long term storage store at liquid nitrogen storage.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES OR THERAPEUTIC APPLICATIONS. |

## Applications

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## Gene Info — CD69

| | |
|---|---|
| **Entrez GeneID** | 969 |
| **Protein Accession#** | Q07108 |
| **Gene Name** | CD69 |
| **Gene Alias** | CLEC2C |
| **Gene Description** | CD69 molecule |
| **Omim ID** | 107273 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. Alternative splicing results in multiple transcript variants |
| **Other Designations** | C-type lectin domain family 2, member C\|CD69 antigen (p60, early T-cell activation antigen) |

## Disease

- Addison Disease
- Arthritis
- Diabetes Mellitus
- Genetic Predisposition to Disease

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