

### 30-2764: Anti-Hu CD69 FITC

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|--------------------------------|---|
| <b>Clonality :</b>             | Monoclonal  |
| <b>Clone Name :</b>            | FN50  |
| <b>Application :</b>           | FACS  |
| <b>Reactivity :</b>            | Human   |
| <b>Conjugate :</b>             | FITC  |
| <b>Gene :</b>                  | CD69  |
| <b>Gene ID :</b>               | 969   |
| <b>Uniprot ID :</b>            | Q07108  |
| <b>Alternative Name :</b>      | CD69 molecule EA1, AIM, MLR-3, CLEC2C, GP32/28, BL-AC/P26 |
| <b>Immunogen Information :</b> | anti- $\mu$ -stimulated human B lymphocytes               |

#### Description

CD69 (C-type lectin domain family 2 C, CLEC2C, also known as AIM) is one of the earliest inducible cell surface molecules acquired during leukocyte activation. This glycoprotein serves as a lectin-type receptor in lymphocytes, NK cells and platelets; it is involved in lymphocyte proliferation. CD69 expression is counteracted on T cells in the AIDS stage of HIV infection, and may be also predictive for clinical response to chemoimmunotherapy.

**Specificity :** The mouse monoclonal antibody FN50 recognizes an extracellular epitope of CD69, an lymphocyte early activation marker.

#### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 100 Tests   |
| <b>Purification :</b>      | Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| <b>Content :</b>           | Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide   |
| <b>Storage condition :</b> | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.  |

#### Application Note

**Flow cytometry:** The reagent is designed for analysis of human blood cells using 20  $\mu$ l reagent / 100  $\mu$ l of whole blood or  $10^6$  cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.