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# 30-2785: Anti-Hu CD369 PE

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| **Clonality :** | Monoclonal |
| **Clone Name :** | 15E2 |
| **Application :** | FACS |
| **Reactivity :** | Human |
| **Conjugate :** | PE |
| **Gene :** | CLEC7A |
| **Gene ID :** | 64581 |
| **Uniprot ID :** | Q9BXN2 |
| **Alternative Name :** | C-type lectin domain containing 7A Dectin-1, CLEC7A, BGR, CANDF4, SCARE2 |
| **Immunogen Information :** | Extracellular part of human CD369 with hIgG FC tag |

## Description

CD369 (dectin-1, beta-glucan receptor) is a 33 kDa type II transmembrane glycoprotein of lectin family, and serves as a part of innate immunity system by binding to beta-glucan polymers, which are typical for yeast and mycobacterial cell walls. CD369 is expressed predominantly on dendritic cells, but it can be detected also on monocytes, macrophages, mast cells, eosinophils, B cells, endothelial cells, and sometimes also on some T cell subsets.
Specificity :The mouse monoclonal antibody 15E2 recognizes an extracellular epitope LWEDGSTFSSN of human CD369 (Dectin-1), a 33 kDa transmembrane glycoprotein expressed predominantly on dendritic cells.

## Product Info

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| **Amount :** | 100 Tests |
| **Purification :** | Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions.<br>Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| **Content :** | Concentration: 1 mg/ml<br>Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| **Storage condition :** | 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 10 ÃÂµl reagent / 100 ÃÂµl of whole blood or $10^6$ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***