

### 30-2742: Anti-Cyclin B1 PE

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	V152
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mammalian
<b>Conjugate :</b>	PE
<b>Gene :</b>	CCNB1
<b>Gene ID :</b>	891
<b>Uniprot ID :</b>	P14635
<b>Alternative Name :</b>	cyclin B1
<b>Immunogen Information :</b>	Recombinant His-tagged hamster cyclin B1

#### Description

Cyclin B1 is a regulatory protein involved in mitosis. It complexes with p34(cdc2) to form maturation-promoting factor (MPF), and is necessary for proper control of the G2/M phase transition of the cell cycle. It is expressed in tissues containing proliferating cells, such as lymph node, testis et al.

Specificity :The mouse monoclonal antibody V152 recognizes cyclin B1, a 48 kDa intracellular protein necessary for G2/M phase transition of the cell cycle.

#### Product Info

<b>Amount :</b>	100 Tests
<b>Purification :</b>	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Content :</b>	Concentration: 1 mg/ml Storage Buffer: 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 10  $\mu\text{l}$  reagent / 100  $\mu\text{l}$  of whole blood or  $10^6$  cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Intracellular staining.