

30-2742: Anti-Cyclin B1 PE

Clonality :	Monoclonal
Clone Name :	V152
Application :	FACS
Reactivity :	Mammalian
Conjugate :	PE
Gene :	CCNB1
Gene ID :	891
Uniprot ID :	P14635
Alternative Name :	cyclin B1
Immunogen Information :	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

Amount :	100 Tests
Purification :	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	Concentration: 1 mg/ml 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 10⁵ cells / 100 μl of whole blood or 10⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Intracellular staining.