

**30-2517: Anti-Human IgD APC (Clone : IA6-2)**

|                                |                   |
|--------------------------------|-------------------|
| <b>Clonality :</b>             | Monoclonal        |
| <b>Clone Name :</b>            | IA6-2             |
| <b>Application :</b>           | FACS              |
| <b>Reactivity :</b>            | Human             |
| <b>Conjugate :</b>             | APC               |
| <b>Alternative Name :</b>      | Immunoglobulin D  |
| <b>Isotype :</b>               | Mouse IgG2a kappa |
| <b>Immunogen Information :</b> | Human IgD         |

**Description**

Immunoglobulin D (IgD) is expressed on the surface of naive mature B cells, thus later than IgM, and is coexpressed with it then. Triggered by antigen binding, it signals through the CD79 complex to activate the B cells. Expression of IgD is lost after the isotype switch. Soluble IgD is present in very small amounts in the serum. IgD can bind to basophils and mast cells to activate them in an IgE-independent way to participate in respiratory immune defense.

Specificity : The mouse monoclonal antibody IA6-2 recognizes human immunoglobulin D.

**Product Info**

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 100 tests  |
| <b>Purification :</b>      | The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography. |
| <b>Content :</b>           | Formulation : Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide   |
| <b>Storage condition :</b> | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.  |

**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.