

### 30-1980: Anti-CD27 Monoclonal Antibody (Clone:LT27)-FITC Conjugated

|                                |                                    |
|--------------------------------|------------------------------------|
| <b>Clonality :</b>             | Monoclonal                         |
| <b>Clone Name :</b>            | LT27                               |
| <b>Application :</b>           | FACS                               |
| <b>Reactivity :</b>            | Human                              |
| <b>Conjugate :</b>             | FITC                               |
| <b>Gene :</b>                  | CD27                               |
| <b>Gene ID :</b>               | 939                                |
| <b>Uniprot ID :</b>            | P26842                             |
| <b>Alternative Name :</b>      | CD27,TNFRSF7                       |
| <b>Isotype :</b>               | Mouse IgG2a                        |
| <b>Immunogen Information :</b> | Human peripheral blood lymphocytes |

#### Description

CD27 is a transmembrane 55 kDa protein of the nerve growth factor-receptor family, expressed as a disulfide-linked homodimer on mature thymocytes, peripheral blood T cells and a subpopulation of B cells. Activation of T cells via TCR-CD3 complex results in upregulation of CD27 expression on the plasma membrane as well as in the release of its soluble 28-32 kDa form, sCD27, detected in the plasma, urine or spinal fluid. This sCD27 is an important prognostic marker of acute and chronic B cell malignancies. RgpA, a cystein proteinase, although activating T cells through the protease-activated receptors (PARs), degrades CD27 and counteracts T cell activation mediated by CD27 and its ligand CD70.

#### Product Info

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|----------------------------|---|
| <b>Amount :</b>            | 100 tests   |
| <b>Storage condition :</b> | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |