

## 30-1562: Anti-CD101 Monoclonal Antibody (Clone:BB27)

|                                |                        |
|--------------------------------|------------------------|
| <b>Clonality :</b>             | Monoclonal             |
| <b>Clone Name :</b>            | BB27                   |
| <b>Application :</b>           | IP,IHC,FACS,WB         |
| <b>Reactivity :</b>            | Human                  |
| <b>Gene :</b>                  | CD101                  |
| <b>Gene ID :</b>               | 9398                   |
| <b>Uniprot ID :</b>            | Q93033                 |
| <b>Format :</b>                | Purified               |
| <b>Alternative Name :</b>      | CD101,EWI101,IGSF2,V7  |
| <b>Isotype :</b>               | Mouse IgG1             |
| <b>Immunogen Information :</b> | Human thymic clone B12 |

### Description

CD101 is a type I transmembrane glycoprotein, which forms disulfide-linked homodimers. It is expressed on activated T cells, as well as on granulocytes, monocytes, dendritic cells or mucosal T cells. It plays a major role in the activation of T cells by skin dendritic cells. Function of CD101 has not been fully elucidated, but in mice its knock-out results in liver autoimmune disease induced by *Novosphingobium aromaticivorans*.

### Product Info

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| <b>Amount :</b>            | 0.1 mg                                                      |
| <b>Purification :</b>      | Purified by protein-A affinity chromatography               |
| <b>Content :</b>           | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| <b>Storage condition :</b> | Store at 2-8°C. -20°C for long term storage.                |

### Application Note

Flow cytometry: Recommended dilution: 1-4 µg/ml.