

**30-1026: Azide free, Anti-CD107a / LAMP-1 Monoclonal Antibody (Clone:B-T47)(Discontinued)**

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Monoclonal  |
| <b>Clone Name :</b>            | B-T47   |
| <b>Application :</b>           | FACS  |
| <b>Reactivity :</b>            | Human   |
| <b>Gene :</b>                  | LAMP1   |
| <b>Gene ID :</b>               | 3916  |
| <b>Uniprot ID :</b>            | P11279  |
| <b>Alternative Name :</b>      | LAMP1   |
| <b>Isotype :</b>               | Mouse IgG1  |
| <b>Immunogen Information :</b> | U937 human Caucasian hystiocytic lymphoma cell line |

**Description**

CD107a (lysosome-associated membrane protein-1, LAMP-1), together with LAMP-2, is a major constituent of lysosomal membrane, 1-2% of total CD107a is found also on the plasma membrane. The LAMP proteins are involved in lysosome biogenesis and are required for fusion of lysosomes with phagosomes. Increased CD107a immunoreactivity is observed in neurones, and in glial cells surrounding senile plaques in Alzheimers disease cases and is localized mainly in medullary epithelial cells, single macrophages and lymphocytes in acute thymic involution. CD107a is a good marker of mast cell activation.

**Product Info**

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 0.1 mg  |
| <b>Purification :</b>      | Purified by protein-A affinity chromatography |
| <b>Storage condition :</b> | Store at 2-8°C. Do not freeze.                |

**Application Note**

**Flow Cytometry** *Recommended dilution:* 1 µg/ml  
**Immunohistochemistry Immunocytochemistry**