

### 30-1588: Anti-CD42b Monoclonal Antibody (Clone:AK2)-Low Endotoxin

|                                |                          |
|--------------------------------|--------------------------|
| <b>Clonality :</b>             | Monoclonal               |
| <b>Clone Name :</b>            | AK2                      |
| <b>Application :</b>           | FACS, IP, WB, ICC, ELISA |
| <b>Reactivity :</b>            | Human                    |
| <b>Gene :</b>                  | GP1BA                    |
| <b>Gene ID :</b>               | 2811                     |
| <b>Uniprot ID :</b>            | P07359                   |
| <b>Format :</b>                | Low Endotoxin            |
| <b>Alternative Name :</b>      | GP1BA                    |
| <b>Isotype :</b>               | Mouse IgG1               |
| <b>Immunogen Information :</b> | Human platelets          |

#### Description

CD42b (GPIb alpha) composes together with GPIb beta, GPIX and GPV the GPIb-IX-V receptor complex critical in the process of platelet-rich thrombus formation by tethering the platelet to a thrombogenic surface. CD42b binds to von Willebrand factor (VWF) exposed at a site of vascular injury, as well as to thrombin, coagulation factors XI and XII, high molecular weight kininogen, TSP-1, integrin Mac-1 and P-selectin. The extracellular domain of CD42b by its interactions also contributes to metastasis.

#### 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.                |