

|                          |                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | CD109 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                   |
| <b>Cat number:</b>       | MABN82694                                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                      |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                             |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                            |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype:</b>          | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen:</b>        | Purified recombinant fragment of human CD109 (AA: extra 1274-1421) expressed in E. Coli.                                                                                                                                                                                                                                                                          |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications:</b>     | ICC 1:20-1:100,ELISA 1:5000-1:20000,FC 1:200-1:400                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Weight:</b> | 161.7kDa                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                             |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide                                                                                                                                                                                                                                                                                                                  |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                      |
| <b>Background:</b>       | This gene encodes a glycosyl phosphatidylinositol (GPI)-linked glycoprotein that localizes to the surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signalling by transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene. |