

36-1938: Monoclonal Antibody to CD38 (ADP Ribosyl Cyclase I)(Clone : AT2)

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| Clonality : | Monoclonal |
| Clone Name : | AT2 |
| Application : | FACS,IF |
| Reactivity : | Human |
| Gene : | CD38 |
| Gene ID : | 952 |
| Uniprot ID : | P28907 |
| Format : | Purified |
| Alternative Name : | CD38 |
| Isotype : | Mouse IgG3, kappa |
| Immunogen Information : | Human T cell line CCRF-CEM |

Description

This MAbs reacts with a 45kDa glycopeptide, which is a type II membrane glycoprotein with a transmembrane sequence near the NH2terminus. CD38 is a type II transmembrane glycoprotein that is present on early B- and T-cell lineages and activated B- and T-cells but is absent from most mature resting peripheral lymphocytes. CD38 is also found on thymocytes, pre-B cells, germinal center B-cells, mitogen-activated T-cells, monocytes and Ig-secreting plasma cells. CD38 is expressed on CD34+ cells. The CD34+CD38- population of hematopoietic stems cells defines the most pluripotent cells (e.g. blast colony forming cells).

Product Info

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| Amount : | 100 µg |
| Purification : | Affinity Chromatography |
| Content : | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence;