

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

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

#### Description

This MAb 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

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	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;