

### 36-3605: Anti-CD38 (ADP Ribosyl Cyclase 1) Monoclonal Antibody(Clone: FS02)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	FS02
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD38
<b>Gene ID :</b>	952
<b>Uniprot ID :</b>	P28907
<b>Alternative Name :</b>	Acute Lymphoblastic Leukemia Cells Antigen; ADP Ribosyl Cyclase 1; cADP-ribose Hydrolase 1; CD38H; NAD(+) Nucleosidase; NIM-R5 Antigen; p45; T10
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Human CD38

#### Description

This antibody reacts with a type II membrane glycopeptide with a transmembrane sequence near the NH<sub>2</sub>-terminus. 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<sup>+</sup> cells. The CD34<sup>+</sup>CD38<sup>-</sup> population of hematopoietic stems cells defines the most pluripotent cells (e.g. blast colony forming cells).

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

#### Application Note

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

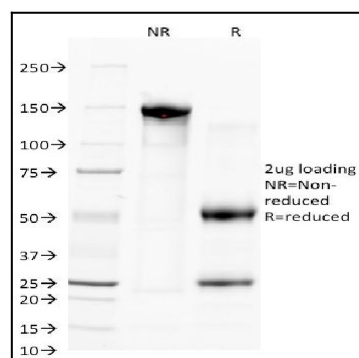


Fig. 1: SDS-PAGE Analysis Purified CD38 Mouse Monoclonal Antibody (FS02). Confirmation of Purity and Integrity of Antibody.