

## 12-9020-B: Biotinylated Anti-CD38 antibody(DM29), Rabbit mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DM29
<b>Application :</b>	ELISA, FACS
<b>Reactivity :</b>	Human
<b>Format :</b>	Powder
<b>Alternative Name :</b>	T10, cADPr hydrolase 1

### Description

CD antigen CD38 is also known as ADP-ribosyl cyclase 1, which belongs to the ADP-ribosyl cyclase family. CD38 is expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma. CD38 is a multifunctional ectoenzyme that catalyzes the synthesis and hydrolysis of cyclic ADP-ribose (cADPR) from NAD<sup>+</sup> to ADP-ribose. These reaction products are essential for the regulation of intracellular Ca<sup>2+</sup>. The loss of CD38 function is associated with impaired immune responses, metabolic disturbances, and behavioral modifications. The CD38 protein is a marker of cell activation. It has been connected to HIV infection, leukemias, myelomas, solid tumors, type II diabetes mellitus and bone metabolism. CD38 has been used as a prognostic marker in leukemia.

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Not Sterile
<b>Storage condition :</b>	Store at 2 °C-8 °C for 6 months

### Application Note

ELISA 1/5000-10000;FACS 1/100