

## Antibody Data

Product SKU:	AGEL2012	Clone:	NIMR5
Applications:	FCM		
Reactivity:	Mouse		

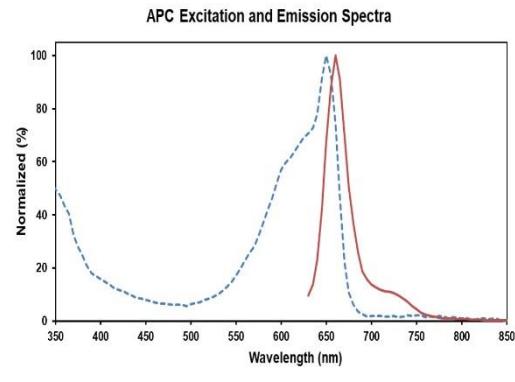
## Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

## Product Information:

<b>Alternate Names:</b>	ADP-ribosyl cyclase 1;ADPRC 1;CD38;NIM-R5 antigen;2'-phospho-cyclic-ADP-ribose transferase;
<b>Uniprot ID:</b>	P56528
<b>Background:</b>	CD38 is a 42 kD glycoprotein, also known as T10. It is an ADP-ribosyl hydrolase, expressed on B cells, NK cells, a subset of T cells, brain, muscle, and kidney. In mouse, CD38 expression is downregulated on germinal center B cells and plasma cells, whereas this is not the case for humans. By functioning as both a cyclase and a hydrolase, CD38 mediates lymphocyte activation, as well as adhesion and metabolism of cADPR and NAADP. CD31 is the ligand of CD38.

<b>Form:</b>	Liquid
<b>Conjugation:</b>	APC
<b>Size:</b>	50 Tests, 100 Tests, 200 Tests
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2a, κ



<b>Isotype Control:</b>	APC Rat IgG2a, κ Isotype Control[2A3] [Product AGEL2012]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping:</b>	Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.