

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL0989</b>	<b>Clone:</b>	<b>HIT2</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1;CD38;2'-phospho-ADP-ribosyl cyclase;2'-phospho-cyclic-ADP-ribose transferase;ADP-ribosyl cyclase 1;ADPRC 1;Cyclic ADP-ribose hydrolase 1;cADPr hydrolase 1;T10;CD38;

**Uniprot ID:** P28907

**Background:** CD38 is a 45 kD type II transmembrane glycoprotein also known as T10. It is an ADP-ribosyl hydrolase expressed at variable levels on hematopoietic cells and in some non-hematopoietic tissues (such as brain, muscles, and kidney). In humans, it is expressed at high levels on plasma cells and activated T and B cells. By functioning as both a cyclase and a hydrolase, CD38 mediates lymphocyte activation, adhesion, and the metabolism of cADPR and NAADP. CD31 is the ligand of CD38.

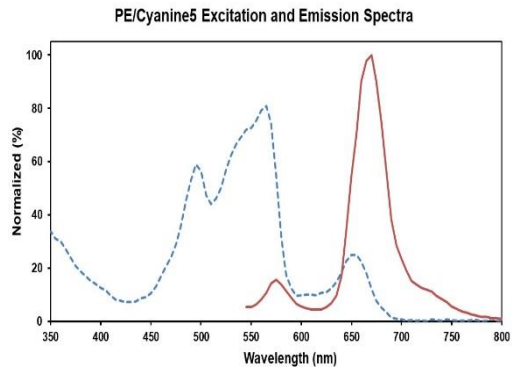
**Form:** Liquid

**Conjugation:** PE/Cyanine 5

**Size:** 20 Tests, 100 Tests, 200 Tests

**Host Species:** Mouse

**Isotype:** Mouse IgG1, κ



Ex:495;565;655 nm; Em:670 nm

**Isotype Control:** -

**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping:** 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.

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