

### 43-1002: Monoclonal Antibody to Mouse CD20 NALE™ Purified (Clone: AISB12)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	AISB12
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Ms4a1
<b>Gene ID :</b>	12482
<b>Uniprot ID :</b>	P19437
<b>Alternative Name :</b>	Cd20, Ly-44, Ms4a2, B-cell differentiation antigen Ly-44, Lymphocyte antigen 44, Membrane-spanning 4-domains subfamily A member 1
<b>Isotype :</b>	Rat IgG2a

#### Description

The AISB12 monoclonal antibody specifically reacts with mouse cd20, a 32 kDa B-lymphocyte surface molecule. CD20 is expressed by B cells in all stage of development, except for the initial pro-B and final plasma cells. CD20 has no natural ligands and has an important role in enabling B cells to respond optimally to T-independent antigens. The AISB12 antibody binds to the extracellular loop domain of the CD20 molecule.

#### Product Info

<b>Amount :</b>	100 ug / 500 µg
<b>Purification :</b>	Purified (No Azide Low Endotoxin)
<b>Content :</b>	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

#### Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.