

## 43-1030: Monoclonal Antibody to Mouse CD24 NALE™ Purified (Clone: M1/69)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	M1/69
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Cd24
<b>Gene ID :</b>	12484
<b>Uniprot ID :</b>	P24807
<b>Alternative Name :</b>	Cd24a, Ly-52, Lymphocyte antigen 52, M1/69-J11D heat stable antigen, Nectadrin, R13-Ag, X62 heat stable antigen
<b>Isotype :</b>	Rat IgG2b, kappa

### Description

The M1/69 monoclonal antibody specifically reacts with mouse CD24, variably glycosylated GPI-anchored membrane protein. CD24 is known as the Heat Stable Antigen (HAS or HsAG) and is found on epithelial cells, thymocytes, monocytes, erythrocytes, granulocytes, dendritic cells and lymphocytes to the exclusion of NK cells. It is useful in delineating the stages of lymphocyte development and is involved in the costimulation of CD4+ T cells by B cells. CD62P (P-Selectin) is the reported ligand of CD24.

### Product Info

<b>Amount :</b>	500 µg
<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.