

### 43-1019: Monoclonal Antibody to Mouse CD81 NALE™ Purified (Clone: EAT-2 (Eat2))

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	EAT-2 (Eat2)
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Cd81
<b>Gene ID :</b>	12520
<b>Uniprot ID :</b>	P35762
<b>Alternative Name :</b>	26 kDa cell surface protein TAPA-1, Target of the antiproliferative antibody 1, Tapa1
<b>Isotype :</b>	Armenian Hamster IgG

#### Description

The Eat-2 monoclonal antibody reacts with mouse CD81, a 26 kDa non-glycosylated transmembrane protein. CD81 is expressed broadly on B cells, T cells, NK cells, dendritic cells, fibroblasts, and endothelial cells. It plays a role in T cell development and is involved in B and T cell adhesion. The Eat-2 antibody is also reported to cross-react with the rat CD81 antigen.

#### Product Info

<b>Amount :</b>	100 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.