

### 43-1046: Monoclonal Antibody to Rat CD8b NALE™ Purified (Clone: 341)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	341
<b>Application :</b>	FACS
<b>Reactivity :</b>	Rat
<b>Gene :</b>	Cd8b
<b>Gene ID :</b>	24931
<b>Uniprot ID :</b>	P05541
<b>Alternative Name :</b>	Cd8b1, CD8 antigen 37 kDa chain, OX-8 membrane antigen
<b>Isotype :</b>	Mouse IgG1, kappa

#### Description

The 341 monoclonal antibody specifically reacts with the beta chain of the Rat CD8 molecule. The alpha and beta chains of the CD8 molecule form a heterodimer common on most thymocytes. The CD8 positive T cells of athymic rats and most NK cells express a homodimer composed solely of CD8a. It is reported that macrophages express CD8 alpha and beta chains for signal transduction. CD8 is an antigen co-receptor that interacts with MHC class I molecules on antigen-presenting cells.

#### 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.