

## Mouse Monoclonal Antibody to CD8

<b>Catalogue Number</b>	sAP-0008
<b>Target Molecule</b>	<p><b>Name:</b> CD8</p> <p><b>Aliases:</b> MAL; p32; Leu2; CD8A</p> <p><b>MW:</b> N/A</p> <p><b>Entrez Gene ID:</b> 925</p>
<b>Description</b>	CD8 T cell surface antigen is heterodimer of an alpha and a beta chain linked by two disulfide bonds .It belongs type I membrane protein. Selectively expressing of CD8 on a subset of T cells leads to CD8 T cell development. Through identifying cytotoxic/suppressor T-cells that interact with MHC class I bearing targets, CD8 is thought to play a role in the process of T-cell mediated killing. Veillette et al (1988) found the CD8 is associated with the internal membrane tyrosine-protein kinase p56lck.
<b>Immunogen</b>	Purified recombinant fragment of human CD8 expressed in E. Coli.
<b>Reactive Species</b>	Human
<b>Clone</b>	MMRAVB3;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Veillette, A. et al. 1988. Cell 55:301.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**