

## Mouse Monoclonal Antibody to CD3

<b>Catalogue Number</b>	sAP-0035
<b>Target Molecule</b>	<p><b>Name:</b> CD3</p> <p><b>Aliases:</b> T3Z; CD3H; CD3Q; CD3Z; TCRZ; CD3-ZETA; CD247</p> <p><b>MW:</b> N/A</p> <p><b>Entrez Gene ID:</b> 919</p>
<b>Description</b>	CD3 is a component of T cell surface receptor (TCR), it contains 5 invariable chains: gamma-, delta-, epsilon-, and zeta/eta?Clevers et al. (1988) showed the TCR/CD3 complex consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits, CD3 is responsible for the signal transduction of the TCR.
<b>Immunogen</b>	Purified recombinant fragment of human CD3 expressed in E. Coli.
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM4D10A6;
<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; ICC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Clevers, H. Annu. Rev. 1988. Immun. 6: 629-662.

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**