

## Mouse Monoclonal Antibody to TIM3

<b>Catalogue Number</b>	sAP-1705
<b>Target Molecule</b>	<p><b>Name:</b> TIM3</p> <p><b>Aliases:</b> HAVCR2; CD366; KIM-3; TIMD3; Tim-3; TIMD-3; HAVcr-2</p> <p><b>MW:</b> 33.4kDa</p> <p><b>Entrez Gene ID:</b> 84868</p>
<b>Description</b>	<p>The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.</p>
<b>Immunogen</b>	Purified recombinant fragment of human TIM3 (AA: extra 22-202) expressed in HEK293 cells.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM7C8A7
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Tumour Biol. 2016 Jun;37(6):8209-18.2.Int Immunopharmacol. 2015 Dec;29(2):635-641.

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**