

**PRODUCT INFORMATION**

<b>Clone ID</b>	1G3
<b>Target</b>	TIM-1
<b>Synonyms</b>	HAVCR;HAVCR-1;KIM-1;KIM1;TIM;TIM-1;TIM1;TIMD-1;TIMD1
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-TIM-1 antibody(1G3), IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q96D42
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1/100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 12 and 19. [provided by RefSeq, Apr 2015]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

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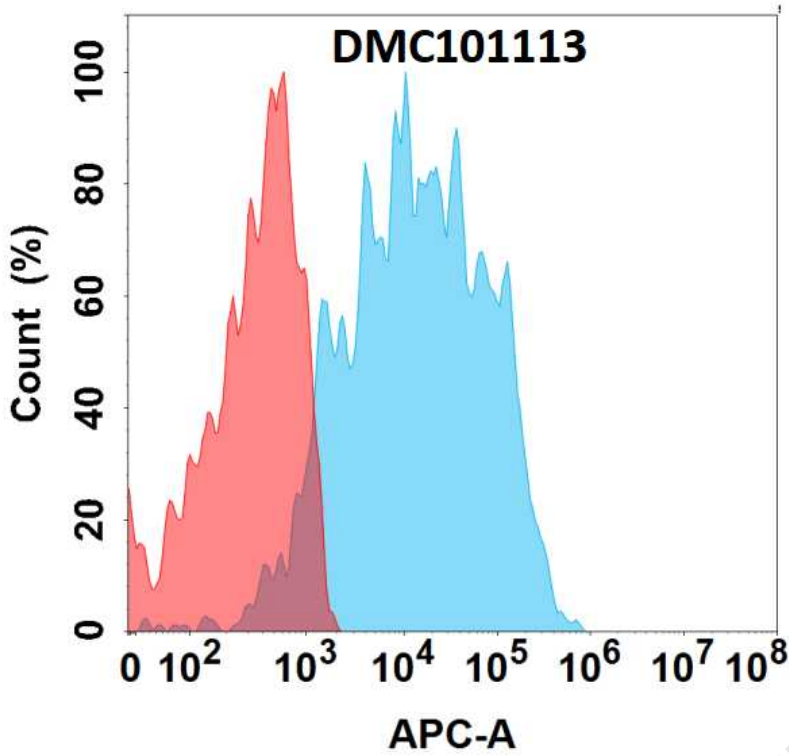


Figure 1. Flow cytometry analysis with 1µg/mL Anti-TIM-1 (1G3) mAb on Expi293 cells transfected with human TIM-1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

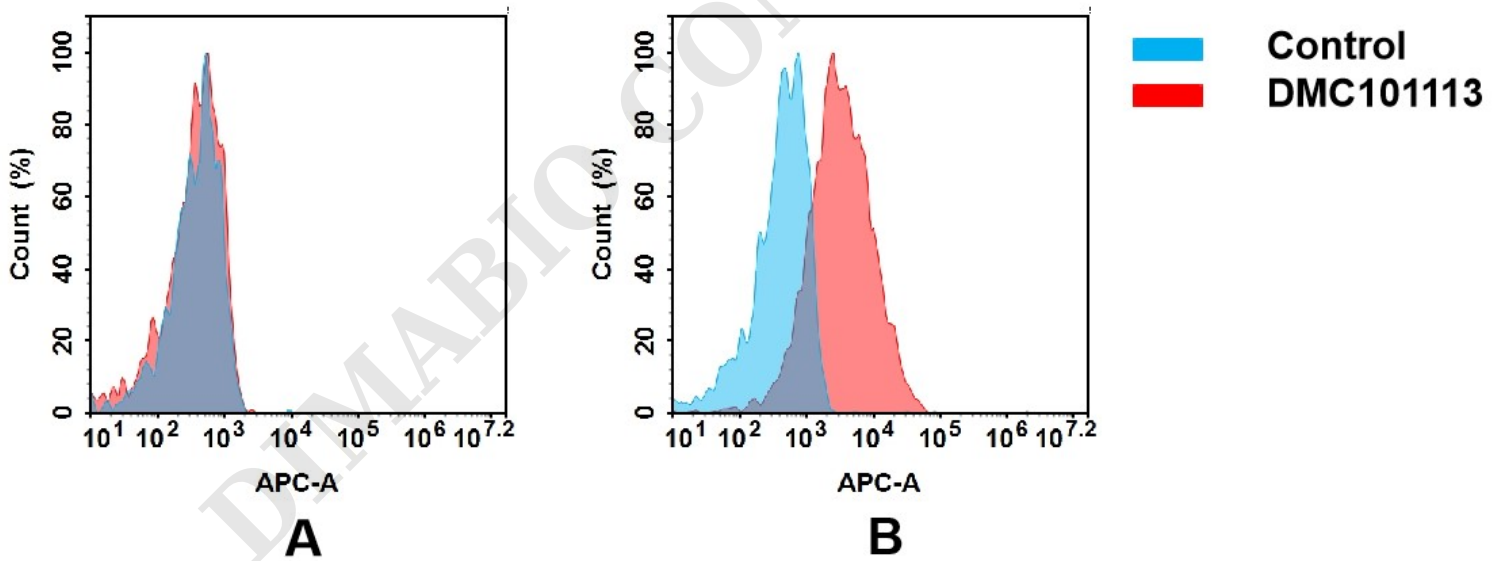


Figure 2. Flow cytometry analysis of antigen binding of anti-human TIM-1 mAb(DMC101113).

(A) DMC101113 does not bind to CHO-S cells that do not express TIM-1.

(B) A clear peak shift of DMC101113 was seen compared to the control when incubated with TIM-1-expressing Huh7 cells, indicating strong binding of DMC101113 to TIM-1. Antibodies were incubated at 5 µg/mL.

