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12-9256: Anti-TIM3 antibody(DM82), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM82
Application :	ELISA,FACS
Reactivity :	Human
Alternative Name :	HAVCR2, TIM-3, TIMD3, FLJ14428, KIM3,KIM-3

Description

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.

Product Info

Amount :	100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Not Sterile
Storage condition :	Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

ELISA 1/5000-10000;FACS 1/100

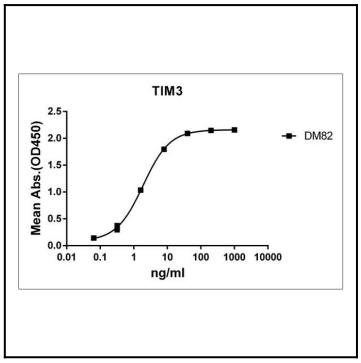


Figure 1. ELISA plate pre-coated by 2 Î¼g/ml (100 Î¼l/well) Human TIM3 protein, mFc-His tagged protein can bind Rabbit anti-TIM3 monoclonal antibody (clone: DM82) in a linear range of 0.32-40 ng/ml.

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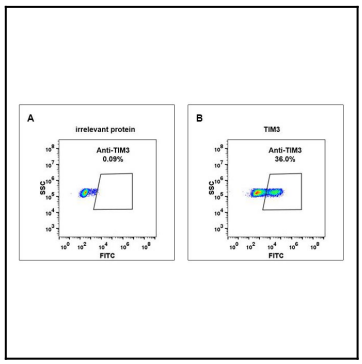


Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human TIM3 (B) were surface stained with Rabbit anti-TIM3 monoclonal antibody 1Î¼g/ml (clone: DM82) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

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