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45-1079: Mouse Monoclonal Antibody to Human TIM-3 (Clone : TI.B2) (Discontinued)

Clonality :	Monoclonal
Clone Name :	TI.B2
Application :	ELISA
Gene :	HAVCR2
Gene ID :	84868
Uniprot ID :	Q8TDQ0
Format :	Purified
Alternative Name :	T-Cell Immunoglobulin Mucin Receptor 3/HAVCR2/ CD366/ KIM-3/ TIMD3/ Tim-3/ TIMD-3/ HAVcr-2
Isotype :	Mouse IgG1, Kappa
Immunogen Information :	Recombinant human TIM3-Fc

Description

TIM-3 (T cell immunoglobulin and mucin domain-3), is a member of the TIM family of immune regulating molecules. Its binding to Galectin-9 induces a range of immunosuppressive functions which enhance immune tolerance and inhibit anti-tumor immunity. Anti-Human TIM3 Antibody (TI.B2), mAb, Mouse is produced from the hybridoma resulting from fusion of SP2/0 myeloma and B-lymphocytes obtained from mouse immunized with recombinant human TIM3-Fc.

Product Info

Amount :	40 µg
Purification :	Protein A chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA detection: 0.01-0.1 µg/ml
Flow cytometry: 5-7 µg/ml

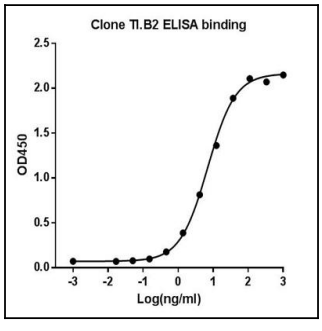


Figure-1 : ELISA binding of TIM3 Antibody (Clone: TI.B2) with Human TIM3 recombinant protein. Coating antigen: TIM3-Fc at 0.5 µg/ml. TIM3 antibody dilution start from 1000 ng/ml, EC50= 6.98 ng/ml.

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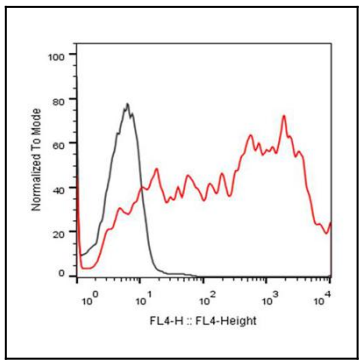


Figure-2 : Flow cytometric analysis of TIM3 Antibody (Clone: TI.B2) on CHO-K1/TIM3 stable cell expressing TIM3 (Red histogram) and CHO negative control cell (Black histogram) at 5 µg/ml, 2.5x10â□µcells/reaction, iFluor647 conjugated Goat Anti-Mouse IgG used as Secondary Antibody.

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