



Mouse Anti-Mouse TIMD4 Chimeric Monoclonal Antibody, clone 3A1 [Functional Grade] (CABT-Z484M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG1 format.
Immunogen	Tim-4:Ig fusion protein in complete Freund's adjuvant.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Mouse
Clone	3A1
Purification	Protein A purified
Conjugate	Functional Grade
Applications	BL, WB, ELISA, FC, IF, IHC
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS only. Endotoxin Level<0.5 EU/mg by the LAL method.
Preservative	None

Storage	Store at -20°C long term. Avoid freeze / thaw cycle. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.
Ship	Wet ice

BACKGROUND

Introduction	Tim-4 is reported to be crucial for the phagocytosis of apoptotic cells by peritoneal macrophages, and studies have shown that interaction between Tim-1 on Th2 cells and Tim-4 on DCs, enhances Th2 cell function. The TIM-4 gene locus is associated with predisposition to asthma in both mice and humans and may be considered as a candidate disease gene for asthma.
Keywords	TIMD4;T-cell immunoglobulin and mucin domain containing 4;TIM4;SMUCKLER;T-cell immunoglobulin and mucin domain-containing protein 4;TIM-4;TIMD-4;T-cell membrane protein 4;T-cell immunoglobulin mucin receptor 4

GENE INFORMATION

Gene Name	Timd4
Entrez Gene ID	276891
UniProt ID	Q6U7R4
