



Mouse Anti-Mouse TIMD2 Chimeric Monoclonal Antibody, clone RMT2-14 [Functional Grade] (CABT-Z485M)

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 IgG2a format.
Immunogen	TIM-2-Ig consisting of the extracellular domain (aa 1-230 of mouse TIM-2) and the Fc portion of mouse IgG2a.
Isotype	IgG2a, λ
Source/Host	Mouse
Species Reactivity	Mouse
Clone	RMT2-14
Purification	Protein A purified
Conjugate	Functional Grade
Applications	BL, FA, WB, 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-2 acts as a negative regulator of Th2 cells, and is implicated to play a critical role in the development of atopic disease and other Th2-biased immune responses. Tim-2 also acts as a receptor for Semaphorin 4A, a transmembrane protein expressed on dendritic cells and B cells, which plays a role in the guidance of axonal migration during neuronal development, and has been shown to enhance T cell activation.
Keywords	Timd2;T cell immunoglobulin and mucin domain containing 2;G9D3;Tim2;TIM-2;C78111

GENE INFORMATION

Gene Name	Timd2
Entrez Gene ID	171284
UniProt ID	Q8R183