



Mouse Anti-Mouse TNFRSF14 Chimeric Monoclonal Antibody, clone HMHV-1B18 [Functional Grade] (CABT-Z496M)

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 Hamster IgG format.
Immunogen	Mouse HVEM:Fc fusion protein.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Mouse
Clone	HMHV-1B18
Purification	Protein A purified
Conjugate	Functional Grade
Applications	BL, FA, WB, FC, IP
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	Herpes Virus Entry Mediator (HVEM, TR2), a type I transmembrane protein of TNF-receptor superfamily. This receptor, which is expressed on most cell types, including T cells, B cells, monocytes, neutrophils, and dendritic cells. Binding of HSV viral envelope glycoprotein D (gD) to this receptor protein has been shown to be part of the viral entry mechanism. The cytoplasmic region of HVEM was found to bind to several TRAF family members, which may mediate the signal transduction pathways that activate the immune response. HVEM has also been demonstrated to be a unique ligand for BTLA (B and T lymphocyte attenuator).
Keywords	TNFRSF14;tumor necrosis factor receptor superfamily, member 14;TR2;ATAR;HVEA;HVEM

GENE INFORMATION

Gene Name	Tnfrsf14
Entrez Gene ID	230979
UniProt ID	Q80WM9