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Product datasheet for TA320497

TNFRSF14 Mouse Monoclonal Antibody [Clone ID: eBioHVEM-122]

Product data:

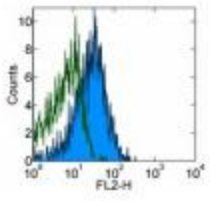
Product Type:	Primary Antibodies
Clone Name:	eBioHVEM-122
Applications:	FC
Recommended Dilution:	Flow, WB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 14
Database Link:	NP_003811 Entrez Gene 8764 Human Q92956
Background:	The eBioHVEM-122 antibody reacts with Herpes Virus Entry Mediator (HVEM, TR2), a member of the TNF-receptor superfamily. HVEM is found on most cell types, including T cells, B cells, monocytes, neutrophils and dendritic cells. This receptor was identified as a cellular mediator of herpes simplex virus (HSV) entry. 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. Recent studies have shown HVEM as a unique ligand for BTLA (B and T lymphocyte attenuator). The conservation of the BTLA-HVEM interaction between mouse and human suggests that this system is an important pathway regulating lymphocyte activation and/or homeostasis in the immune response.
Synonyms:	ATAR; CD270; HVEA; HVEM; LIGHTR; TR2

View online »

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Staining of normal human peripheral blood cells with 0.125 ug of Mouse IgG1 kappa Isotype Control Purified (open histogram) or 0.125 ug of Anti-Human CD270 (HVEM) Purified (filled histogram) followed by Anti-Mouse IgG Biotin and Streptavidin PE. Cells in the lymphocyte gate were used for analysis.