bs-2462R

[Primary Antibody]

TNFSF14 Rabbit pAb



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- DATASHEET		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		ELISA (1:500-5000)
GenelD: 8740	SWISS: 043557	Reactivity: Human, Mouse (predicted: Rat)
Target: TNFSF14		(prediced rid)
Immunogen: KLH conjugated synthetic peptide derived from human TNFSF14: 141-240/240. < Extracellular >		Predicted MW.: ^{26 kDa}
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Subcellular Secreted ,Cell membrane
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Location: ,Cytoplasm
Background: LIGHT protein is a ty necrosis factor (TNF is expressed on acti its receptors have b (LTBetaR) and the h which lack the cyto LIGHT is first identif herpesvirus infectio glycoprotein D for H ligand, TNFSF14 pla proliferation by LIG sufficient for LIGHT Additionally, recent NK activation/expai breaking T-cell tole suggested to be inv allograft rejection a as lymphotoxin-Gan tissue development protein was also de not Fas- or TRAIL-m hepatocytes.	pe II transmembrane protein and a tumor) ligand superfamily member (TNFSF14). LIGH vated T cells and immature dendritic cells and een identified as lymphotoxin-Beta receptor erpesvirus entry mediator (HVEM), both of olasmic sequence termed as "death domain." ied as HVEM ligand (HVEM-L) and a deterrent to n according to its ability to compete with HSV VEM binding. As a T cell-derived costimulatory ys a crucial role in T cell activation and HT-LTBetaR interaction, and it is necessary and mediated apoptosis of tumor cells. studies also establish a direct role for LIGHT in sion via LIGHT-HVEM interaction, and thus rance at the tumor site. Accordingly, LIGHT is olved in CTL-mediated tumor rejection, nd graft versus host disease. Although known nma, LIGHT plays a minimal role in lymphoid in contrast with LT-Alpha and Beta. This monstrated to inhibit TNF-Alpha-mediated but ediated apoptosis of human primary	

- VALIDATION IMAGES -



Sample: Spleen (Mouse) Lysate at 40 ug Small intestine (Mouse) Lysate at 40 ug Primary: Anti-TNFSF14 (bs-2462R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 26 kD Observed band size: 26 kD

- SELECTED CITATIONS -

• [IF=4.486] Yu Zhong. et al. LIGHT aggravates sepsis - associated acute kidney injury via TLR4 - MyD88 - NF - κB

pathway. J Cell Mol Med. 2020 Oct;24(20):11936-11948 IF ;Human. 32881263