

bs-14497R**[Primary Antibody]****GPR183 Rabbit pAb****BioSS**
ANTIBODIES

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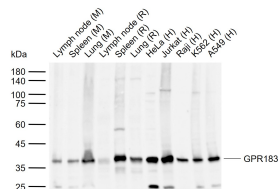
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat
GeneID: 1880	SWISS: P32249	
Target: GPR183		
Immunogen: KLH conjugated synthetic peptide derived from human EBV Induced Gene 2: 201-300/361.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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.		
Background: Epstein-Barr virus-induced gene 2 is a 357 amino acid multi pass membrane protein. It is expressed in B-lymphocytes and lymphoid tissues and may function in the modulation of the immune system. Out of the nine genes that are induced by the Epstein-Barr virus, Ebi2 exhibits the highest levels of up-regulation. Ebi2 is a G-protein coupled receptor that signals through the G-protein G α_{12} . Ebi2 contains seven hydrophobic transmembrane regions and a putative N-linked glycosylation site at its extracellular N-terminus. Ebi2 is believed to be involved in regulating the effects of the Epstein-Barr virus on B-lymphocytes. In addition, Ebi2 may play a role mediating normal lymphocyte functions.		
		Predicted MW.: 41 kDa
		Subcellular Location: Cell membrane

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Lymph node tissue lysates
 Lane 2: Mouse Spleen tissue lysates
 Lane 3: Mouse Lung tissue lysates
 Lane 4: Rat Lymph node tissue lysates
 Lane 5: Rat Spleen tissue lysates
 Lane 6: Rat Lung tissue lysates
 Lane 7: Human HeLa cell lysates
 Lane 8: Human Jurkat cell lysates
 Lane 9: Human Raji cell lysates
 Lane 10: Human K562 cell lysates
 Lane 11: Human A549 cell lysates
 Primary: Anti-GPR183 (bs-14497R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 41 kDa
 Observed band size: 38 kDa