

36-2151: Anti-BTLA Monoclonal Antibody(Clone: BTLA/1528)

Clonality :	Monoclonal
Clone Name :	BTLA/1528
Application :	ELISA
Reactivity :	Human
Gene :	BTLA
Gene ID :	151888
Uniprot ID :	Q7Z69
Alternative Name :	B and T lymphocyte associated protein; B and T lymphocyte attenuator; B and T lymphocyte associated; B- and T-lymphocyte attenuator; B- and T-lymphocyte-associated protein; BTLA; BTLA_HUMAN; BTLA1; CD272; CD272 antigen; FLJ16065; MGC129743
Isotype :	Mouse IgG2b, kappa
Immunogen Information	: Recombinant full-length human BTLA protein

Description

B and T lymphocyte attenuator (BTLA) is an immunoglobulin domain-containing glycoprotein whose expression is induced during T-cell activation. BTLA is similar to CTLA-4 and PD-1, all of which are coinhibitory receptors belonging to the CD28 family. However, unlike CTLA-4 and PD-1, BTLA does not interact with B7-Ig family counter receptors. Rather, the herpesvirus entry mediator (HVEM), a TNF receptor, acts as a molecular switch that modulates T-cell activation by propagating inhibitory signals throµgh BTLA. The BTLAHVEM interaction is conserved between Mouse and human, sµggesting that this system is an important pathway regulating lymphocyte activation.

Product Info Amount : 20 μg / 100 μg Content : 200 μg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. Storage condition : Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order antibody without BSA),

		NR	R	
250→				
150→		-		
100→				
75→	-			
50→	-		-	2ug loading NR=Non- reduced
37→				R=reduced
25→	-		-	
20→				
15→				
10→				

Fig. 1: SDS-PAGE Analysis Purified BTLA Mouse Monoclonal Antibody (BTLA/1528). Confirmation of Integrity and Purity of Antibody.