Best Tools for immunology Research

CD272 Polyclonal Antibody

Catalog No :	YT0743
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;FCM;ELISA
Target :	CD272
Gene Name :	BTLA
Protein Name :	B- and T-lymphocyte attenuator
Human Gene Id :	151888
Human Swiss Prot No :	Q7Z6A9
Mouse Swiss Prot No :	Q7TSA3
Immunogen :	Synthetic peptide from human protein at AA range: 101-150
Specificity :	CD272 Polyclonal Antibody detects endogenous levels of CD272 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:200 - 1:1000. Flow cytometry: 1:200 - 1:400. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	36kD

Background : This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis. [provided by RefSeq, Aug 2011],

Function : function:Lymphocyte inhibitory receptor which inhibits lymphocytes during immune response.,PTM:N-glycosylated.,PTM:Phosphorylated on Tyr residues by TNFRSF14 and by antigen receptors cross-linking, both inducing association with PTPN6 and PTPN11.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with tyrosine phosphatases PTPN6/SHP-1 and PTPN11/SHP-2. Interacts with TNFRSF14/HVEM.,

Subcellular Location : Cell membrane ; Single-pass type I membrane protein .

Expression : PCR rescued clones,Peripheral blood,Thymus,Trachea,

Tag : orthogonal

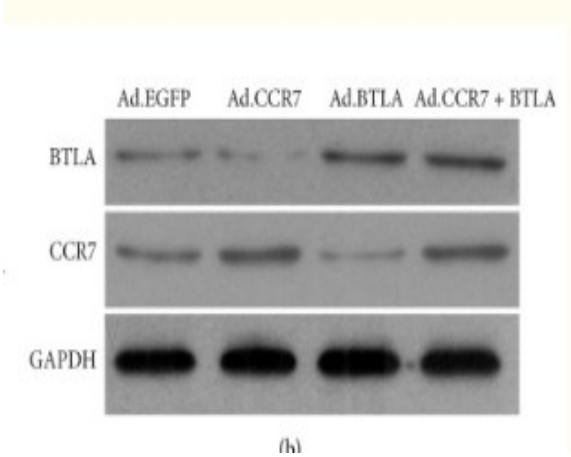
Sort : 744

No4 : 1

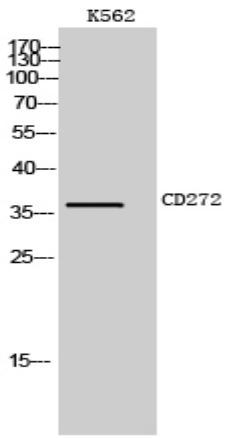
Host : Rabbit

Modifications : Unmodified

Products Images



Xin, Haiming, et al. "Adenovirus-mediated CCR7 and BTLA overexpression enhances immune tolerance and migration in immature dendritic cells." BioMed research international 2017 (2017).



Western Blot analysis of K562 cells using CD272 Polyclonal Antibody