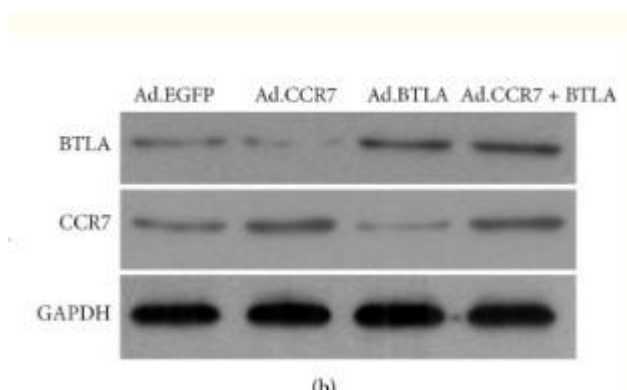




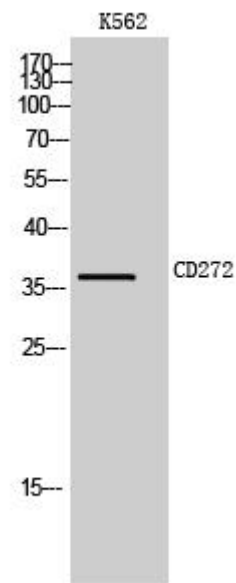
CD272 Polyclonal Antibody

E20-70743**Catalog Number:**E20-70743**Amount:**100ul**Applications:**WB;IHC;IF;ELISA**Reactivity:**Human;Rat;Mouse;**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)**Other Name:**BTLA;B- and T-lymphocyte attenuator;B- and T-lymphocyte-associated protein;CD antigen CD272**Observed Band(KD):**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

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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.