

AP01279PU-N**Polyclonal Antibody to CD153 / CD30L - Aff - Purified**

Alternate names:	CD30 Ligand, CD30-L, CD30LG, TNFSF8, Tumor necrosis factor ligand superfamily member 8
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	The ligand for CD30 is CD30L (CD153). The binding of CD30 to CD30L mediates pleiotropic effects including cell proliferation, activation, differentiation, and apoptotic cell death. CD30 has a critical role in the pathophysiology of Hodgkin's disease and other CD30+ lymphomas. CD30 acts as a costimulatory molecule in thymic negative selection. In addition to its expression on Hodgkin's and Reed-Sternberg cells, CD30 is also found in some non-Hodgkin's lymphomas (including Burkitt's lymphomas), virus-infected T and B cells, and on normal T and B cells after activation. In T cells, CD30 expression is present on a subset of T cells that produce Th2-type cytokines and on CD4+/CD8+ thymocytes that coexpress CD45RO and the IL4 receptor.
Uniprot ID:	P32971
NCBI:	NP_001235.1
GeneID:	944
Host:	Rabbit
Immunogen:	Synthetic peptide, corresponding to amino acids 80-130 of Human CD30-L.
Format:	State: Liquid purified Ig fraction (>95% pure by SDS-PAGE) Purification: Affinity-Chromatography using epitope-specific immunogen Buffer System: Phosphate buffered saline (PBS), pH 7.2. Preservatives: 0.05% Sodium Azide
Applications:	Western blot: 1/500 - 1/1000. Immunofluorescence: 1/50 - 1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	~ 38 kDa
Specificity:	This antibody detects endogenous levels of CD30-L protein. (region surrounding Gln103)
Species Reactivity:	Tested: Human and Mouse.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western blot (WB) analysis of CD30-L
antibody (Cat.-No AP01279PU-N) at 1/500
dilution

Lane1: MCF-7 whole cell lysate

Lane2: Mouse liver tissue lysate

Lane3: Rat liver tissue lysate

