

CD30 Polyclonal antibody

Catalog Number: 55132-1-AP

Basic Information

Catalog Number: 55132-1-AP	GenBank Accession Number: NM_001243	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 943	Recommended Dilutions: IHC 1:500-1:2000 IF 1:50-1:500
Source: Rabbit	Full Name: tumor necrosis factor receptor superfamily, member 8	
Isotype: IgG	Calculated MW: 64 kDa	

Applications

Tested Applications: IF, IHC, ELISA	Positive Controls:
Species Specificity: human	IHC : human lymphoma tissue, human tonsillitis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF : human lymphoma tissue,

Background Information

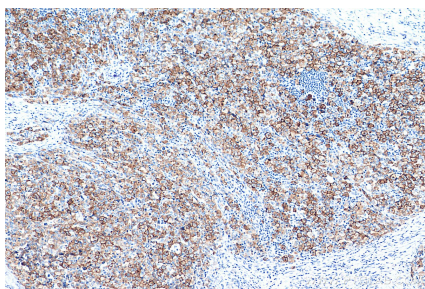
CD30 is a transmembrane glycoprotein belonging to the tumor necrosis factor receptor superfamily. CD30 expression is found on activated T and B cells. CD30 is useful in diagnosis of classic Hodgkin's lymphoma, anaplastic large cell lymphoma and embryonal carcinoma.

Storage

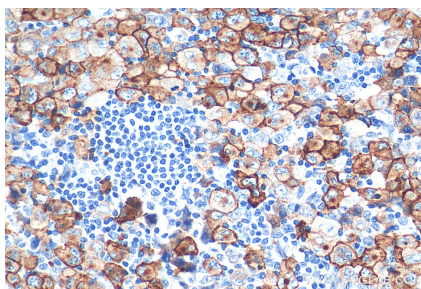
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
0.1M NaHCO₃, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

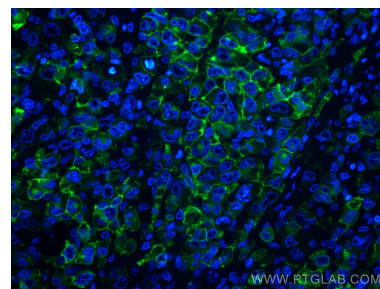
Selected Validation Data



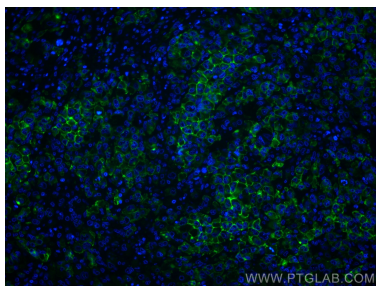
Immunohistochemical analysis of paraffin-embedded human T-cell anaplastic large cell lymphoma (ALCL) tissue slide using 55132-1-AP (CD30 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human T-cell anaplastic large cell lymphoma (ALCL) tissue slide using 55132-1-AP (CD30 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human T-cell anaplastic large cell lymphoma (ALCL) tissue using CD30 antibody (55132-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human T-cell anaplastic large cell lymphoma (ALCL) tissue using CD30 antibody (55132-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).