



Mouse Anti-Human CD30 monoclonal antibody, clone JID141 (CABT-L2965)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human CD30
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID141
Conjugate	Unconjugated
Applications	IHC
Reconstitution	<p>The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.</p> <p>The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.</p>
Positive Control	Classic Hodgkin Lymphoma, Lymphoma
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer

Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Cluster of differentiation 30 (CD30) is a transmembrane cytokine receptor expressed by activated T and B cells. It is present on Reed-Sternberg cells in Hodgkin's lymphoma, most anaplastic large cell lymphomas, embryonal carcinomas, and primary cutaneous CD30 positive T-cell lymphoproliferative disorders. B-cell lymphomas are sometimes stained by Anti-CD30. Lymphomas exhibit Golgi zone accentuation when stained with Anti-CD30, while embryonal carcinomas produce membranous stains.
Keywords	TNFRSF8;tumor necrosis factor receptor superfamily, member 8;Ki;Cd30;Ki-1;D1S166E;tumor necrosis factor receptor superfamily member 8;CD30L receptor;lymphocyte activation antigen CD30;

GENE INFORMATION

Gene Name	TNFRSF8 tumor necrosis factor receptor superfamily, member 8 [Homo sapiens (human)]
Official Symbol	TNFRSF8
Synonyms	TNFRSF8; tumor necrosis factor receptor superfamily, member 8; CD30; Ki-1; D1S166E; tumor necrosis factor receptor superfamily member 8; Ki-1 antigen; CD30L receptor; cytokine receptor CD30; lymphocyte activation antigen CD30;
Entrez Gene ID	943
Protein Refseq	NP_001234
UniProt ID	A5D8T4
Chromosome Location	1p36
Pathway	Cytokine-cytokine receptor interaction; TNF-alpha/NF-kB Signaling Pathway;
Function	transmembrane signaling receptor activity;