

Anti-CD30 Antibody (9B182)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 62 kDa. Actual: 110 kDa.
Clone:	9B182
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD30 Monoclonal Antibody, Unconjugated (TMAB-03939) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.</p> <p>2. 25 ug total protein per lane of various lysates (see on figure) probed with CD30 monoclonal antibody, unconjugated (TMAB-03939) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	IF,IHC-Fr,IHC-P,WB
Recommended	IF: 1:100-500; IHC-Fr: 1:100-500; IHC-P: 1:100-500; WB: 1:1000-5000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human CD30
Antigen Species:	Human
Gene ID:	943
Uniprot ID:	P28908

Research Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

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