



# Rabbit Anti-Human TNFRSF8 Monoclonal Antibody, clone CQ7123 (CABT-Z188R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide corresponding to CD30 residues within aa495-C terminal of CD30 was used as an immunogen.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	CQ7123
<b>Purification</b>	ProA affinity purified IgG.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P Recommended concentration: IHC-P: 1:100-1:200
<b>Molecular Weight</b>	64 kDa
<b>Cellular Localization</b>	Membrane
<b>Positive Control</b>	Hodgkin lymphoma
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl

<b>Buffer</b>	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	Store at -20 °C. Avoid freeze/thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	CD30, TNF-receptor superfamily member, is a receptor for TNFSF8/CD30L. 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 it also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. CD30 is expressed in mononuclear Hodgkin's and multinucleated Reed-Sternberg cells in Hodgkin's disease, in tumor cells of a majority of anaplastic large cell lymphomas, in a varying proportion of activated T and B cells. In non-lymphoid malignancies, CD30 reactivity has been reported in embryonal carcinomas (ECs), seminomas, and hepatocellular carcinomas. This antibody has been useful in identifying Hodgkin's lymphoma, anaplastic large cell lymphomas (ALCL) and primary cutaneous CD30+ T-cell lymphoproliferative disorders.
<b>Keywords</b>	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

<b>Gene Name</b>	TNFRSF8
<b>Entrez Gene ID</b>	<a href="#">943</a>
<b>UniProt ID</b>	<a href="#">P28908</a>