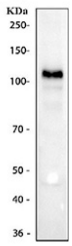
CD30 Antibody / TNFRSF8 (R30131)

Catalog No.	Formulation	Size
R30131	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
Gene ID	943
Applications	Western blot: 0.5-1ug/ml
Limitations	This CD30 antibody is available for research use only.



Western blot testing of human K562 cell lysate with CD30 antibody. Predicted molecular weight: 53-120 kDa depending on glycosylation level.

Description

CD30, also known as TNFRSF8, is a member of the tumor necrosis factor receptor superfamily. It is a type I transmembrane glycoprotein that plays a role in regulating cell proliferation, differentiation, and survival. CD30 is normally expressed at low levels on activated T and B lymphocytes and is upregulated in certain immune responses. Through interaction with its ligand, CD30 activates downstream signaling pathways, including NF-kB and MAPK, influencing immune cell function.

While CD30 expression is tightly regulated in normal immune physiology, its altered expression patterns have been

studied in the context of immune activation and dysregulated signaling. Its biological functions make it a valuable target for research into immune regulation, signal transduction, and lymphocyte biology.

The **CD30 antibody** is a high-quality reagent for detecting CD30 in applications such as immunohistochemistry, flow cytometry, and western blot. Researchers use the CD30 antibody from NSJ Bioreagents to analyze expression patterns, study receptor-ligand interactions, and investigate the molecular mechanisms that control immune cell activation. With strong specificity and consistent performance, the CD30 antibody supports detailed studies in immunology, receptor biology, and cellular signaling research.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CD30 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 322-595) was used as the immunogen for this CD30 antibody.

Storage

After reconstitution, the CD30 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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