
Anti-CD30

Cat #: HM1076
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

CD30 is a member of the TNF-receptor superfamily which are type I integral membrane glycoproteins that exhibit homology in their cystine-rich extracellular domains. Members of this family also include Fas, OX40 and CD27. CD30 is expressed by activated, but not by resting, T and B cells and it is the 120 kDa surface marker for neoplastic cells of the Hodgkin's lymphoma and related hematologic malignancies. TRAF2 and TRAF5 can interact with CD30, and mediate the signal transduction that leads to the activation of NF-kappaB. CD30 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.

SPECIFICITY

This antibody reacts with CD30 of human origin by immunohistochemistry and FCM.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

A recombinant human CD30 protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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