36-1915: Monoclonal Antibody to CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker)(Ber-H2 + CD30/412)

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Clonality :	Monoclonal
Clone Name :	Ber-H2 + CD30/412
Application :	IHC
Reactivity :	Human
Gene :	TNFRSF8
Gene ID :	943
Uniprot ID :	P28908
Format :	T.C. Sup.
Alternative Name :	TNFRSF8,CD30,D1S166E
Isotype :	Mouse IgG1, kappa + Mouse IgG1, kappa
Immunogen Information :	Co cell line established from a patient with Hodgkin's disease of T-cell lineage (Ber-H2); human CD30 recombinant protein (CD30/412)

Description

Recognizes a single chain glycoprotein of 105/120kDa, identified as CD30/Ki-1. CD30 is synthesized as a 90kDa precursor, which is processed in the Golgi complex into a membrane-bound phosphorylated mature 105/120kDa glycoprotein. In Hodgkin's disease, CD30/Ki-1 antigen is expressed by mononuclear-Hodgkin and multinucleated Reed-Sternberg cells. It is also expressed by the tumor cells of a majority of anaplastic large cell lymphomas as well as by a varying proportion of activated T and B cells. This MAb distinguishes large cell lymphomas derived from activated lymphoid cells from histiocytic malignancies and lymphomas derived from resting and precursor lymphoid cells or from anaplastic carcinomas. About one third of the Ki-1 positive lymphomas lack the leukocyte common antigen (CD45).

Product Info

Amount :	0.5 ml
Content :	Tissue culture supernatant with 0.05% Azide.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunohistochemistry (Formalin-fixed) (1:100-1:200 for 30 minutes at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA, pH 7.5-8.5, for 45 min at 95&degC followed by cooling at RT for 20 minutes)
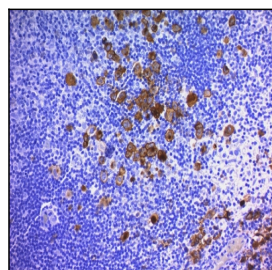
Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with CD30 Monoclonal Antibody (Ber-H2 + CD30/412).

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