

# Product Datasheet

## CD30/TNFRSF8 Antibody (CD30/412)

### NBP2-29425

Unit Size: 0.1 mg

Store at 4C.

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**NBP2-29425****CD30/TNFRSF8 Antibody (CD30/412)**

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	CD30/412
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

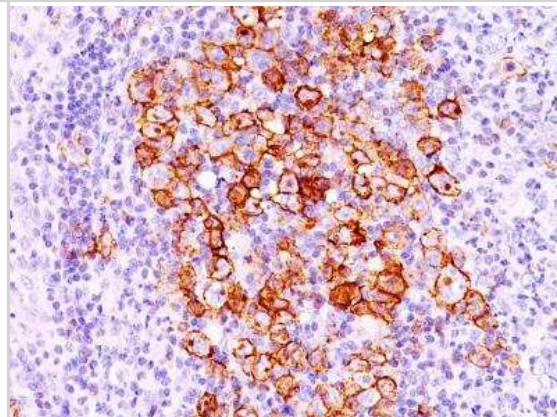
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-33196)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	943
Gene Symbol	TNFRSF8
Species	Human
Marker	Hodgkin & Reed-Sternberg Cell Marker
Specificity/Sensitivity	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 Hodgkins 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 monoclonal antibody 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).
Immunogen	Human CD30/TNFRSF8 recombinant protein (Uniprot: P28908)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml 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 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

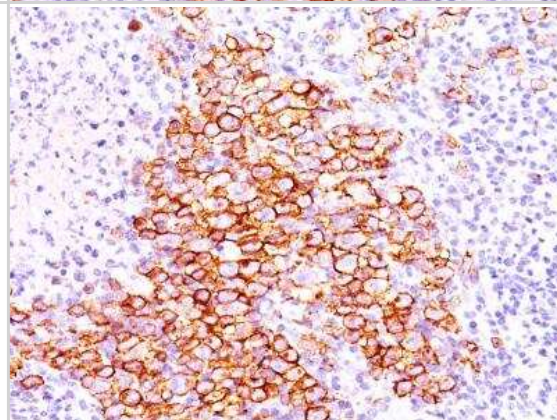


## Images

Immunohistochemistry-Paraffin: CD30/TNFRSF8 Antibody (CD30/412) [NBP2-29425] - Formalin-fixed, paraffin-embedded Hodgkin's lymphoma (20X) stained with CD30 Ab (CD30/412).



Immunohistochemistry-Paraffin: CD30/TNFRSF8 Antibody (CD30/412) [NBP2-29425] - Formalin-fixed, paraffin-embedded Hodgkin's lymphoma (20X) stained with CD30 Ab (CD30/412).



## Publications

Hartmann S, Scharf S, Steiner Y et al. Landscape of 4D Cell Interaction in Hodgkin and Non-Hodgkin Lymphomas Cancers (Basel) 2021-10-17 [PMID: 34680356]

Details:

Citation using the Alexa Fluor 647 format of this antibody.



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### **Products Related to NBP2-29425**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-22660	Recombinant Human CD30/TNFRSF8 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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