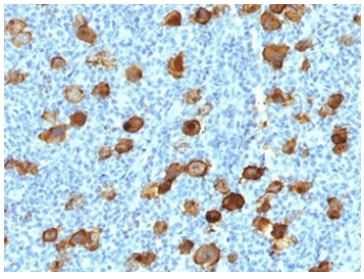
# Recombinant CD30 Antibody [clone Ki-1/4399R] (V8727)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8727-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8727-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8727SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | Ki-1/4399R |
| **Purity** | Protein A affinity chromatography |
| **UniProt** | P28908 |
| **Localization** | Cell surface, cytoplasmic |
| **Applications** | Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT |
| **Limitations** | This recombinant CD30 antibody is available for research use only. |



IHC testing of FFPE Hodgkin's lymphoma stained with recombinant CD30 antibody (clone Ki-1/4399R). Required HIER: steam sections in pH9, 1mM EDTA for 10-20 min.

## 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).

## Application Notes

Optimal dilution of the recombinant CD30 antibody should be determined by the researcher.

## Immunogen

Recombinant human full-length protein was used as the immunogen for the recombinant CD30 antibody.

## Storage

Store the recombinant CD30 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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