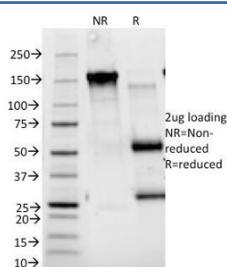


## CD25 Antibody [clone 143-13] (V2631)

Catalog No.	Formulation	Size
V2631-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2631-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2631SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

 [Citations \(7\)](#)
[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	143-13
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P01589
<b>Localization</b>	Cell surface, Cytoplasmic
<b>Applications</b>	Functional Studies (order BSA/sodium Azide-free Format) : Flow Cytometry : 1-2ug/10 <sup>6</sup> cells Immunofluorescence : 1-2ug/ml
<b>Limitations</b>	This CD25 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free CD25 Antibody (clone 143-13). Confirmation of Integrity and Purity of the Antibody.

## Description

Recognizes a protein of 55 kDa, identified as CD25 (Workshop IV; Code A27). CD25 is expressed on activated T- and B-cells and activated monocytes/macrophages. With respect to lymphomas, CD25 is present on malignant cells of Hodgkins disease, HTLV-1+ adult T-cell leukemia, cutaneous T-cell lymphoma, and hairy cell leukemia. Increased levels of soluble CD25 are observed in the leukemias/lymphomas and inflammatory/ autoimmune diseases. CD25 molecule alone appears to function as a low affinity receptor and associates with CD122 (IL-2R  $\beta$ -chain, p75) and CD132 (common  $\gamma$ -chain) to form the high affinity IL-2 receptor complex. CD25 antibodies detect three epitope regions, A, B and C. This mAb recognizes the epitope B, which is located at residue 3-104 of CD25 and can effectively block IL-2 binding to CD25.

## Application Notes

Optimal dilution of the CD25 antibody should be determined by the researcher.

## Immunogen

Stimulated human leukocytes were used as the immunogen for the CD25 antibody.

## Storage

Store the CD25 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).