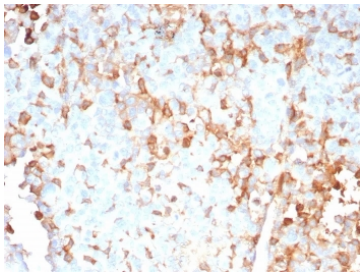
IL-2 Antibody IL2/9007 / Interleukin-2 Protein Antibody [clone IL2/9007] (V5371)

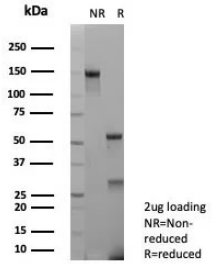
Catalog No.	Formulation	Size
V5371-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5371-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5371SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	IL2/9007
Purity	Protein A/G affinity
UniProt	P60568
Localization	Secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This IL-2 Antibody IL2/9007 is available for research use only.



IL-2 Antibody IL2/9007 Immunohistochemistry. IHC staining of FFPE human adrenal gland tissue with IL-2 antibody (clone IL2/9007). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free IL-2 antibody (clone IL2/9007) as confirmation of integrity and purity.

Description

Interleukin-2 (IL-2) is a T cell stimulatory cytokine that induces T cell proliferation and NK cell proliferation and activation. Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). IL-2 induces CTLA-4 and also functions as a survival factor for lymphocytes.

For a monoclonal clone with IHC and protein microarray specificity validation, see our Interleukin-2 Antibody IL2/4983 / IL-2 Antibody page.

Application Notes

Optimal dilution of the IL-2 Antibody IL2/9007 should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 1-153) of human IL2 protein was used as the immunogen for the IL-2 Antibody IL2/9007.

Storage

Aliquot the IL-2 Antibody IL2/9007 and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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