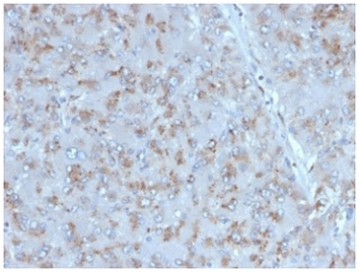
Interleukin 15 Antibody IL15/4353 / IL15 Mouse Monoclonal Antibody [clone IL15/4353] (V9654)

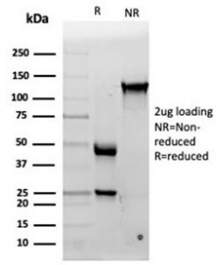
Catalog No.	Formulation	Size
V9654-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9654-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9654SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

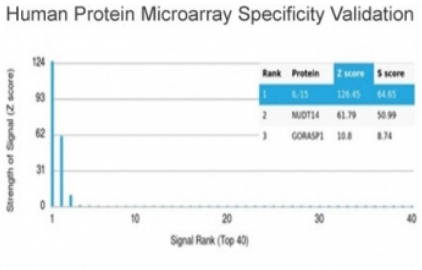
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IL15/4353
Purity	Protein A/G affinity
UniProt	P40933
Localization	Secreted, Cytoplasm, Nuclear
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Interleukin 15 Antibody IL15/4353 is available for research use only.



Interleukin 15 Antibody IL15/4353 Adrenal Gland Immunohistochemistry. IHC staining of FFPE human adrenal gland tissue with Interleukin 15 antibody (clone IL15/4353). 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 Interleukin 15 antibody (clone IL15/4353) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Interleukin 15 antibody (clone IL15/4353). These results demonstrate the foremost specificity of the IL15/4353 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

Description

Interleukin-15 (IL-15), also designated IL-T, is a cloned cytokine which shares several biological activities but no sequence homology with IL-2. Human, mouse and simian IL-15 cDNA clones have been isolated and characterized. All 3 species encode a 162 amino acid residue precursor protein containing a 48 amino acid leader that is cleaved to generate the mature form of IL-15. IL-15 stimulates the proliferation of T cells and NK cells, while enhancing B cell expansion and antibody production. Unlike IL-2, IL-15 is not produced by lymphocytes, but appears to be produced by macrophages, epithelial lines, muscle and placenta. IL-15 has also been shown to be a chemoattractant for human blood T lymphocytes and to be able to induce lymphokine-activated killer (LAK) activity in NK cells as well as to be able to induce the generation of cytolytic effector cells. Studies have shown that IL-15 is the only other cytokine that shares the subunit.

For an IL-15 monoclonal with complementary Western blot, IHC, and protein microarray validation, see our IL15 Antibody IL15/4354 / Interleukin-15 Monoclonal Antibody page.

Application Notes

Optimal dilution of the Interleukin 15 Antibody IL15/4353 should be determined by the researcher.

Immunogen

A recombinant protein fragment was used as the immunogen for the Interleukin 15 Antibody IL15/4353.

Storage

Aliquot the Interleukin 15 Antibody IL15/4353 and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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