

Product Datasheet

Recombinant IL15 Antibody / Interleukin 15 (orb2635039)

Catalog Number orb2635039

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.

Species/Host Rabbit

Reactivity Human

Conjugation Unconjugated

Tested Applications IHC-P

Immunogen A recombinant protein fragment was used as the immunogen for the recombinant IL15 antibody.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only

Application notes Optimal dilution of the recombinant IL15 antibody should be determined by the researcher.

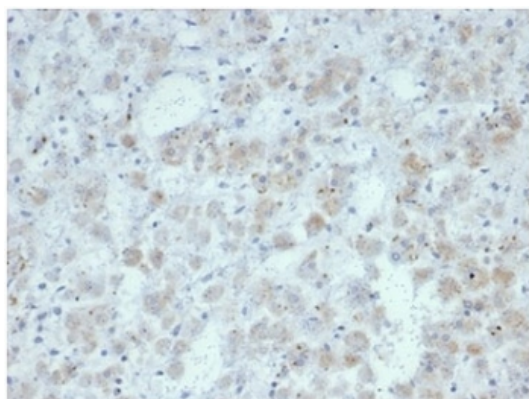
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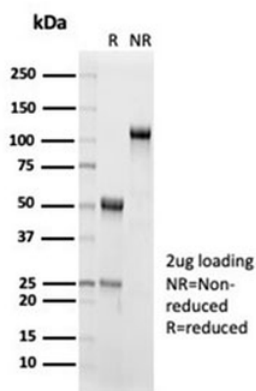
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Formula	1 mg/ml in 1X PBS; BSA free, sodium azide free
Isotype	Rabbit IgG
Clonality	Recombinant
Clone Number	IL15/7048R
Antibody Type	Primary Antibody
Uniprot ID	P40933
Hazard Information	This recombinant IL15 antibody is available for research use only.
Dilution Range	Immunohistochemistry (FFPE): 1-2ug/ml
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human adrenal gland tissue with recombinant IL15 antibody (clone IL15/7048R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant IL15 antibody (clone IL15/7048R) as confirmation of integrity and purity.

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