

Datasheet for 600-401-BU4**IL-15RA Antibody****Overview**

Description:	Anti-IL-15RA (RABBIT) Antibody - 600-401-BU4
Item No.:	600-401-BU4
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	Interleukin 15 (IL-15RA) is a cytokine receptor that specifically binds IL-15 with high affinity. IL-15 regulates T and natural killer cell activation and proliferation. The IL-15 and IL-2 receptors share two subunits, IL-2R beta and IL-2R gamma, and IL-15RA is structurally related to IL-2RA, an additional IL-2-specific alpha subunit necessary for high affinity IL-2 binding. Unlike IL-2RA, IL-15RA is capable of binding IL-15 with high affinity independent of the other subunits. IL-15RA is thought to enhance cell proliferation and expression of apoptosis inhibitor Bcl-xL and Bcl-2.
Synonyms:	IL-15RA Antibody, CD215, Interleukin-15 receptor subunit alpha, IL-15 receptor subunit alpha
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	IL15RA
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti- IL-15RA antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid peptide near the internal region of human IL-15RA.
Purity/Specificity:	Anti-IL-15RA Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Multiple isoforms of IL-15RA are known to exist.

Relevant Links:	• UniProtKB - Q13261 • GeneID - 3601 • NCBI - NP_001243694
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Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-IL-15RA Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 28 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000-1:20,000
WB:	1-2 µg/mL

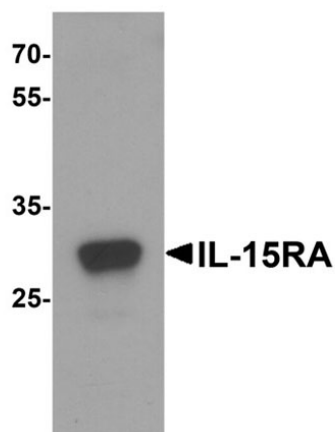
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

**Western Blot**

Western blot analysis of IL-15RA.

Load: rat small intestine tissue lysate.

Primary Antibody: IL-15RA antibody at 1 µg/mL.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.