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Datasheet for ABIN2613443

## anti-IL3RA antibody (Internal Region)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	IL3RA
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL3RA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

#### Product Details

Purpose:	IL3RA / CD123
Sequence:	RQQYECLHYK TD
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_002174.1, NP_001254642.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	IL3RA
Alternative Name:	IL3RA ( <a href="#">IL3RA Products</a> )
Background:	IL3RA, interleukin 3 receptor, alpha (low affinity), CD123, IL3R, IL3RAY, IL3RX, IL3RY, hIL-3Ra, CD123 antigen, IL-3 receptor alpha SP2 isoform, IL-3 receptor subunit alpha, IL-3R subunit alpha, IL-3R-alpha, IL-3RA, interleukin-3 receptor subunit alpha
Gene ID:	3563
NCBI Accession:	<a href="#">NP_002174</a> , <a href="#">NP_001254642</a>
Pathways:	<a href="#">JAK-STAT Signaling</a>

## Application Details

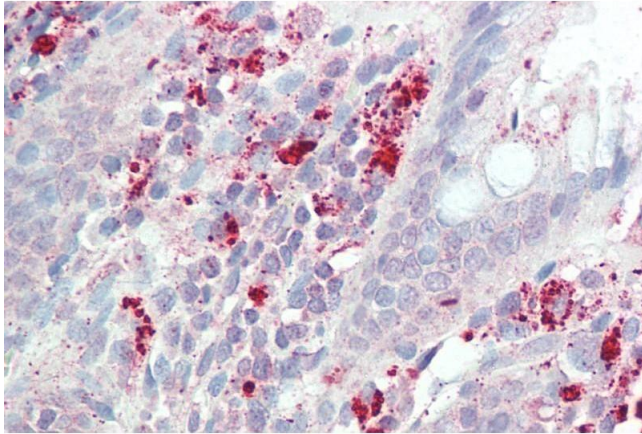
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Application Notes:	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 5 µg/mL. Western Blot: Approx 43 kDa band observed in lysates of cell lines Jurkat and Molt4 (calculated MW of 43.3 kDa according to NP_002174.1). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

## Handling

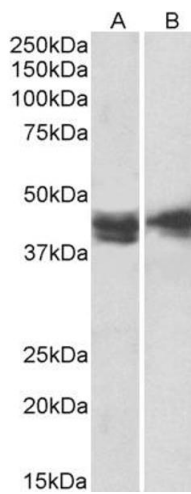
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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Immunohistochemistry

**Image 1.** ABIN2613443 (5 $\mu$ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



### Western Blotting

**Image 2.** ABIN2613443 (2 $\mu$ g/ml) staining of Jurkat (A) and Molt4 (B) lysates (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.