

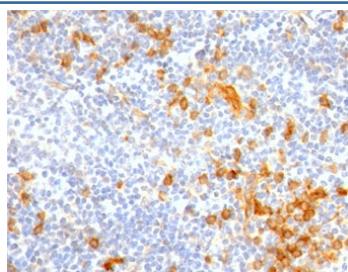
## Recombinant IL3RA Antibody / CD123 [clone CDLA123-1R] (V7468)

Catalog No.	Formulation	Size
V7468-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7468-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7468SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7468IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

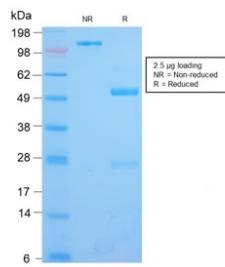
Recombinant **RABBIT MONOCLONAL**

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CDLA123-1R
Purity	Protein A affinity chromatography
UniProt	P26951
Localization	Cell surface, Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 0.25-0.5ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This recombinant IL3RA antibody is available for research use only.



IHC staining of FFPE human tonsil with IL3RA antibody (clone CDLA123-1R). HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9 for 10-20 min and allow to cool.



SDS-PAGE analysis of purified, BSA-free IL3RA antibody (clone CDLA123-1R) as confirmation of integrity and purity.

## Description

CD123/IL3RA is an interleukin 3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL3 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL3.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant IL3RA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

A portion of amino acids 26-171 was used as the immunogen for the recombinant IL3RA antibody.

## Storage

Store the recombinant IL3RA antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).