

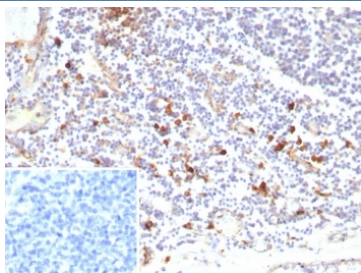
Recombinant IL3RA Antibody / Interleukin 3 Receptor alpha / CD123 [clone rIL3RA/9212] (V5529)

Catalog No.	Formulation	Size
V5529-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5529-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5529SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

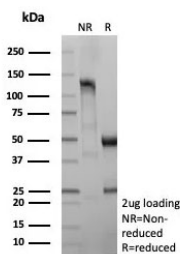
Recombinant MOUSE MONOCLONAL

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Name	rIL3RA/9212
Purity	Protein A/G affinity
UniProt	P26951
Localization	Cytoplasm, Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant IL3RA antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with recombinant IL3RA antibody (clone rIL3RA/9212). Inset: PBS used in place of primary Ab (secondary Ab negative control).
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 recombinant IL3RA antibody (clone rIL3RA/9212) as confirmation of integrity and purity.

Description

CD123 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. This gene and the gene encoding the colony stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudo-autosomal region on chromosomes X or Y.

Application Notes

Optimal dilution of the recombinant IL3RA antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human IL3RA protein (within amino acids 26-171) was used as the immunogen for the recombinant IL3RA antibody.

Storage

Aliquot the recombinant IL3RA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.