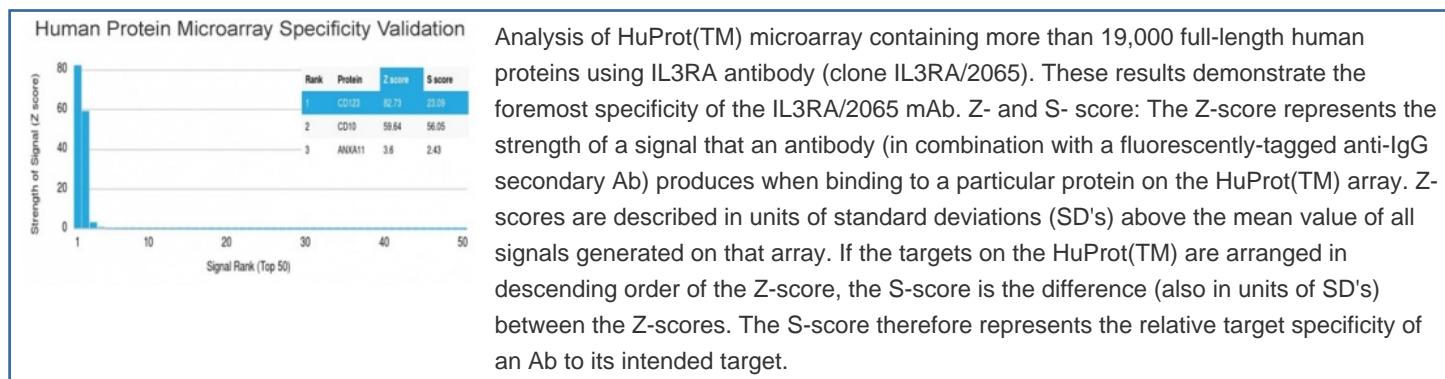


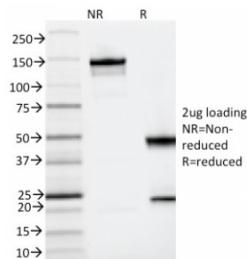
IL3RA Antibody / CD123 [clone IL3RA/2065] (V8952)

Catalog No.	Formulation	Size
V8952-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8952-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8952SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	IL3RA/2065
Purity	Protein A/G affinity
UniProt	P26951
Localization	Cell surface and cytoplasm
Applications	ELISA : 2-4ug/ml (order BSA-free format for coating)
Limitations	This IL3RA antibody is available for research use only.





SDS-PAGE analysis of purified, BSA-free IL3RA antibody (clone IL3RA/2065) 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 IL3RA antibody should be determined by the researcher.

Immunogen

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

Storage

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