

## ARG40372 anti-CD125 / IL5RA antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CD125 / IL5RA
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD125 / IL5RA
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 53-68 of Human CD125 / IL5RA. (NPDQEQRNVNLEYQVK).
Conjugation	Un-conjugated
Alternate Names	CD125; CDw125; IL-5 receptor subunit alpha; IL5R; Interleukin-5 receptor subunit alpha; CD antigen CD125; HSIL5R3; IL-5R-alpha; IL-5R subunit alpha; IL-5RA

### Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 60 kDa	

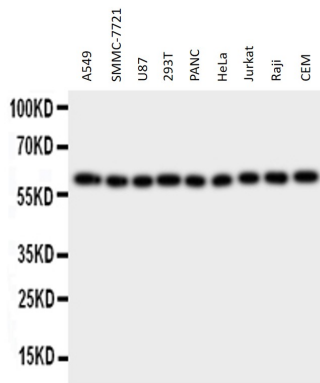
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	IL5RA
Gene Full Name	interleukin 5 receptor, alpha
Background	The protein encoded by this gene is an interleukin 5 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 IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported. [provided by RefSeq, Jul 2011]
Function	This is the receptor for interleukin-5. The alpha chain binds to IL5. [UniProt]
Calculated Mw	48 kDa
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

## Images



ARG40372 anti-CD125 / IL5RA antibody WB image

Western blot: 40 µg of A549, SMMC-7721, U87, 293T, PANC, HeLa, Jurkat, Raji and CEM whole cell lysates stained with ARG40372 anti-CD125 / IL5RA antibody at 0.5 µg/ml dilution.