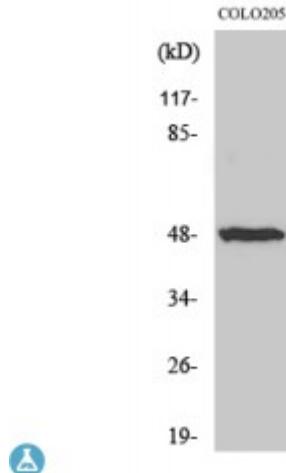


## Anti-IL-13 alpha antibody



<b>Description</b>	Rabbit polyclonal to IL-13Ralpha1.
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<b>Model</b>	STJ93678
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IF, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human IL-13Ralpha1 around the non-phosphorylation site of Y405.
<b>Immunogen Region</b>	340-420 aa
<b>Gene ID</b>	<a href="#">3597</a>
<b>Gene Symbol</b>	<a href="#">IL13RA1</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
<b>Specificity</b>	IL-13Ralpha1 Polyclonal Antibody detects endogenous levels of IL-13Ralpha1 protein.
<b>Tissue Specificity</b>	Ubiquitous. Highest levels in heart, liver, skeletal muscle and ovary; lowest levels in brain, lung and kidney. Also found in B-cells, T-cells and endothelial cells.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Interleukin-13 receptor subunit alpha-1 IL-13 receptor subunit alpha-1 IL-13R subunit alpha-1 IL-13R-alpha-1 IL-13RA1 Cancer/testis antigen 19 CT19 CD

	antigen CD213a1
<b>Molecular Weight</b>	49 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:5974</a> <a href="#">OMIM:300119</a>
<b>Alternative Names</b>	Interleukin-13 receptor subunit alpha-1 IL-13 receptor subunit alpha-1 IL-13R subunit alpha-1 IL-13R-alpha-1 IL-13RA1 Cancer/testis antigen 19 CT19 CD antigen CD213a1
<b>Function</b>	Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.
<b>Sequence and Domain Family</b>	The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.; The box 1 motif is required for JAK interaction and/or activation.
<b>Cellular Localization</b>	Membrane. Single-pass type I membrane protein.

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