



# Mouse anti-Human IL11RA monoclonal antibody, clone 3E5G5 (CABT-B10454)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	IL11RA (AAH03110, 1 a.a. ~ 423 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3E5G5
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, sELISA, ELISA
<b>Sequence Similarities</b>	MSSSCGSLRVLVAVATALVSASSPCPQAWGPPGVQYQQPGRSVKLCCPGVTAGDPVSWF RDGEPKLLQGPDSGLGHELVLAQADSTDEGTYICQTLGALGGTTLQLGYPPARPVSC QAADYENFSCTWSPSQISGLPTRYLTSYRKTVLGADSQRSPSTGPWPCPQDPLGAARC VVHGAEFWSQYRINVTEVNPLGASTRLLDVSILQSIIRPDPPQGLRVESVPGYPRLRASW TYPASWPCQPHFLK
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

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<b>Introduction</b>	Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant cytokines that use the gp130 transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since both contain an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2012]
<b>Keywords</b>	IL11RA; interleukin 11 receptor, alpha; CRSDA; interleukin-11 receptor subunit alpha; IL-11R subunit alpha; IL-11 receptor subunit alpha; interleukin-11 receptor alpha chain;

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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">3590</a>
<b>UniProt ID</b>	<a href="#">Q5VZ79</a>
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem
<b>Function</b>	cytokine receptor activity; receptor activity; signal transducer activity; transmembrane receptor activity

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