



# Rabbit Anti-Human IL-13 monoclonal antibody, clone 32I7I6 (CABT-L1398)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with equine, human, non-human primate and rat based on sequence homology.
<b>Target</b>	IL13
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 22-131 of human IL-13
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	32I7I6
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

# BACKGROUND

**Introduction**

IL-13 is a cytokine involved in regulating inflammatory and immune responses. It down-regulates macrophage activity, thereby inhibiting the production of pro-inflammatory cytokines and chemokines, and is involved in allergen-induced asthma through mechanisms independent of IgE and eosinophils. IL-13 also regulates several stages of B cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. Structurally, IL-13 closely resembles IL-3, IL-4, IL-5 and GM-CSF.

**Keywords**

IL13;interleukin 13;IL-13;interleukin-13;T-cell activation protein P600

# GENE INFORMATION

**Entrez Gene ID**

[3596](#)

**UniProt ID**

[P35225](#)