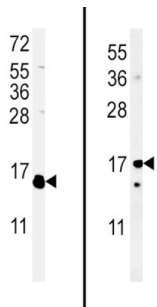
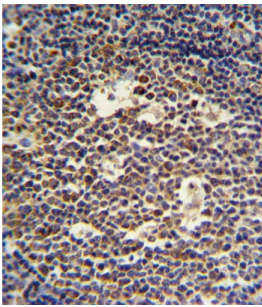
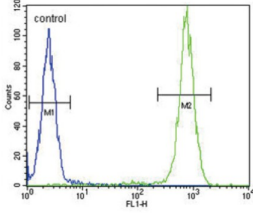


# Interleukin 4 (IL4) Antibody

Catalogue No.: abx032452



IL4 is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome.

- Target:** Interleukin 4 (IL4)
- Clonality:** Polyclonal
- Reactivity:** Human, Mouse
- Tested Applications:** ELISA, WB, IHC, FCM
- Host:** Rabbit

# Datasheet

Version: 3.0.0  
Revision date: 31 Dec 2024



<b>Recommended dilutions:</b>	WB: 1/1000, IHC-P: 1/10 - 1/50, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 122-150 amino acids from the C-terminal region of human L4.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein A column, followed by peptide affinity purification.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P05112 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Molecular Weight:</b>	Calculated MW: 17.5 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Specificity:</b>	Predicted to react with Sheep and Monkey IL4.
<b>Note:</b>	This product is for research use only.

For Reference Only