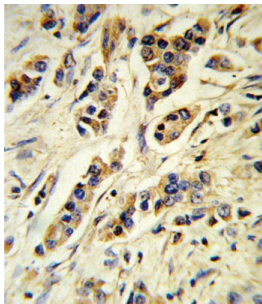
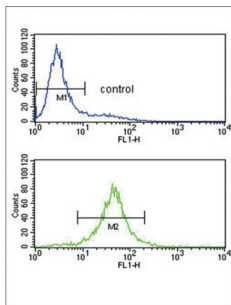


Interleukin 10 (IL10) Antibody

Catalogue No.: abx034229



The protein is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract.

Target:	Interleukin 10 (IL10)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Rabbit

Datasheet

Version: 4.0.0
Revision date: 06 Mar 2025



Recommended dilutions:	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.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 27-53 amino acids from the Central region of human IL10.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P22301 (UniProt , ExPASy)
Gene Symbol:	IL10
KEGG:	hsa:3586
String:	9606.ENSP00000412237
Molecular Weight:	Calculated MW: 20.5 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Monkey and Epstein Barr Virus (EBV) IL10.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.