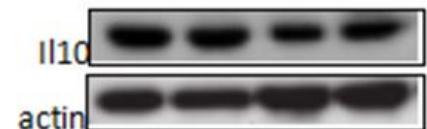
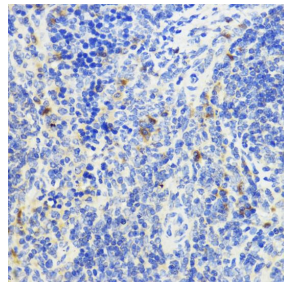
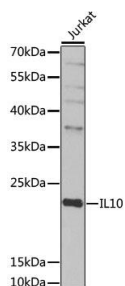


Cat. No:	AB-83616
Conjugate:	Unconjugated
Size:	100µg
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 19-178 of human IL10.
Reactivity:	Hu, Ms, Rt,
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100
Molecular Weight:	22kDa
Purification:	Aff. Pur.
Synonyms:	CSIF;GVHDS;IL-10;IL10A;TGIF;IL10

Background:

The protein encoded by this gene 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. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



Experiment Type Western blot (WB)

Western blot analysis of extracts of Jurkat cells, using IL10 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in
TBST. Detection: ECL West Pico Plus.
Exposure time: 10s.

References

References for IL10 Rabbit pAb

Product: IL10 Rabbit pAb

Journal: International journal of molecular sciences

Application: WB IF: 3.68

Species: Rattus norvegicus

PMID: 30678337

Title: Ferulic Acid Improves Depressive-Like Behavior in Prenatally-Stressed Offspring Rats via Anti-Inflammatory Activity and HPA Axis.

Product: IL10 Rabbit pAb

Journal: International immunopharmacology

Application: WB IF: 3.11

Species: Mus musculus

PMID: 30952101

Title: The role of netrin-1 in the mouse cornea during *Aspergillus fumigatus* infection.

Product: IL10 Rabbit pAb

Journal: Scientific Reports

Application: WB

IF: 4.01 Species: Mus musculus

PMID: 32034203

Title: TNF- α and INF- γ primed canine stem cell-derived extracellular vesicles alleviate experimental murine colitis

Product: IL10 Rabbit pAb

Journal: Cellular and molecular neurobiology

Application: WB IF: 3.81

Species: Mus musculus

PMID: 31140018

Title: Neuroprotection of Resveratrol Against Focal Cerebral Ischemia/Reperfusion Injury in Mice Through a Mechanism Targeting Gut-Brain Axis.

Product: IL10 Rabbit pAb

Journal: Veterinary microbiology

Application: WB IF: 2.52

Species: *Cynoglossus semilaevis*

PMID: 30827402

Title: In vivo cellular and molecular study on duck spleen infected by duck Tembusu virus.

Product: IL10 Rabbit pAb

Journal: Cell Proliferation

Application: WB IF: 5.039

Species: *Homo sapiens*, *Mus musculus*

PMID: 31418947

Title: Inhibition of CREB-mediated ZO-1 and Activation of NF- κ B-induced IL-6 by Colonic Epithelial MCT4 Destroys Intestinal Barrier Function.

Product: IL10 Rabbit pAb

Journal: Molecular Therapy-Nucleic Acids

Application: WB IF: 5.919

Species:Homo sapiens

PMID:32059338

Title: Identification of the Regulatory Role of lncRNA SNHG16 in Myasthenia Gravis by Constructing a Competing Endogenous RNA Network.

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