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IL10 Polyclonal Antibody

Cat #: G-AB-05378

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
Interleukin (IL)-10 is an anti-inflammatory cytokine, produced by T helper (Th) cells, macrophages, monocytes, and B cells, that plays a crucial role in preventing inflammatory and autoimmune pathologies. It downregulates the expression of Th1 cytokines, MHC class II antigens, and co-stimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. IL-10 can block NF-B activity, and is involved in the regulation of the JAK-STAT signaling pathway. IL-10, along with its receptors, describes an important role in pathogenesis of various diseases, including infectious, inflammatory, autoimmune diseases. IL-10 mutations are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Gene ID:

Accession #:

Immunogen: KLH conjugated Synthetic peptide corresponding to IL-10

Conjugation: Unconjugated

Swissprot: P18893 ,P29456

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 150 g/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: IHC,IF

Dilution: IHC 1:200-1:1000, IF 1:200-1:1000

Storage: Store at -20°C. Avoid freeze / thaw cycles.