

IL-4 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251223

Unit: 0.1 mg

Description:

Interleukin 4 (IL-4) is a cytokine involved in B-cell activation processes. IL-4 induces the expression of class II MHC molecules on resting B-cells. IL-4 also enhances both secretion and cell surface expression of IgE and IgG1, and regulates the expression of the low-affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes. Genetic variations in the IL-4 gene have been implicated in the cause of ischemic stroke.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: M, R

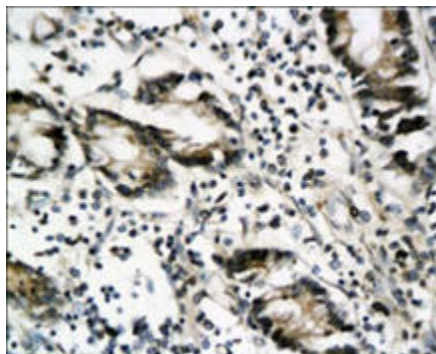
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 1 mg/ml BSA with 0.09% sodium azide. Antibody was purified by antigen affinity chromatography.

Alternate Names: IL-4; Interleukin-4; IL4; B-cell stimulatory factor 1; BSF-1; Lymphocyte stimulatory factor 1; Binetrakin; Pitrakinra

Accession No.: P05112

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IL-4.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Interleukin-4 (IL-4) staining in human colon tissue. Human colon tissue is stained with IL-4 Antibody (Cat. No. 251223) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.