

CAB23157

Product Information

Product SKU:	CAB23157	Gene ID:	3593	Size:	20uL, 100uL
Clone No:	ARC60328	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	42kDa	Conjugate:	Unconjugated
Calculated MW:	37kDa	Isotype:	IgG

Immunogen Information

Background: This gene encodes a subunit of interleukin 12, a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. Interleukin 12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor like subunit encoded by this gene, and a 35 kD subunit encoded by IL12A. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. This cytokine has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen. Overexpression of this gene was observed in the central nervous system of patients with multiple sclerosis (MS), suggesting a role of this cytokine in the pathogenesis of the disease. The promoter polymorphism of this gene has been reported to be associated with the severity of atopic and non-atopic asthma in children.

Recommended Dilution: WB,1:1000 - 1:5000

Synonyms: CLMF; NKSF; CLMF2; IMD28; IMD29; NKSF2; IL-12B; IL12

Purification Method: Affinity purification

Immunogen: Recombinant protein of human IL12.

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.