

IL12RB1 polyclonal antibody

Catalog: BS8052

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

IL-12, a heterodimeric cytokine composed of two disulfide-bonded glycoprotein subunits, p35 and p40, has pleiotrophic activities including stimulation of the proliferation of activated T and NK cells, induction of IFN-g production by PBMCs, enhancement of the lytic activity of NK/LAK cells and promotion of T-helper (Th) 1 cell responses. The T cell response to IL-12 is mediated through two receptor proteins, designated IL-12Rb-1 and IL-12Rb-2 (4). The genes encoding human IL-12Rb-1 and IL-12Rb-2 map to chromosomes 19p13.1 and 1p31.3-p31.2, respectively. Increased IL-12Rb-2 expression is crucial in regulating Th1 differentiation, whereas IL-12Rb-1 expression is less restricted. Inhibition of IL-12 activity may provide treatment for diseases associated with pathologic Th1 responses, such as multiple sclerosis or Crohn's disease, while administration of recombinant IL-12 may aid in the treatment for allergic disorders and asthma.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 73 kDa

Swiss-Prot:

P42701

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

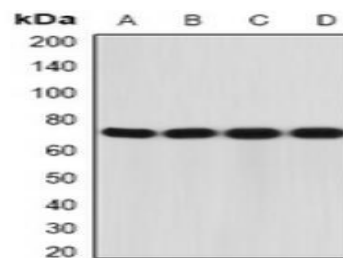
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

IL12RB1 polyclonal antibody detects endogenous levels of IL12RB1 protein.

DATA:



Western blot analysis of CD212 expression in A431 (A), MCF7 (B), mouse liver (C), mouse thymus (D) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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