

## IL-12A (T65) polyclonal antibody

Catalog: BS3490

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

IL-12 is secreted by macrophages and human B-lymphoblastoid cells in response to antigenic stimulation. This IL is responsible for the differentiation of naive CD4<sup>+</sup> T cells into type 1 helper T cells that produce interferon- $\gamma$  (IFN- $\gamma$ ). It also activates production of tumor necrosis factor  $\alpha$  (TNF $\alpha$ ) from T and natural killer (NK) cells, and it inhibits IL-4 mediated suppression of IFN- $\gamma$ . IL-12 also has anti-angiogenic activity since the production of IFN- $\gamma$  increases the production of inducible protein-10 (IP-10). IL-12 p40 represents a subunit of IL-12 that is induced by several pathogens. IL-12 p70 is a subunit of IL-12 that is controlled through both the p35 and p40 genes in a cell type-specific fashion.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 25 kDa

### Swiss-Prot:

P29459

### 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:

IHC: 1:50~1:200

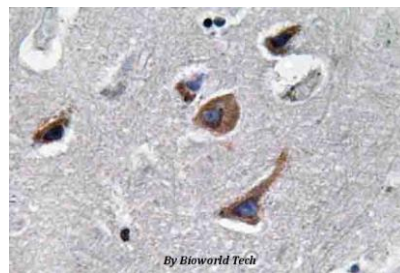
### Storage&Stability:

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

### Specificity:

IL-12A (T65) polyclonal antibody detects endogenous levels of IL-12A protein.

### DATA:



Immunohistochemistry (IHC) analyzes of IL-12A (T65) pAb in paraffin-embedded human brain tissue.

### Note:

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

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