

# Anti-IL12a antibody

Catalog Number: 175513

## Product name

Anti-IL12a antibody

## Specificity

Mouse, Rat

## Antibody description

Rabbit polyclonal antibody to IL12a

## Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from mouse il-12 51-150/215

## Formulation

Liquid, 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

## Storage

Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

## Clonality

Polyclonal

## Ig Type

IgG

## Applications

WB, IHC-P, FC

## Dilutions

WB:1:500-2000

IHC-P:1:400-800

FC:1µg/Test

## Validations

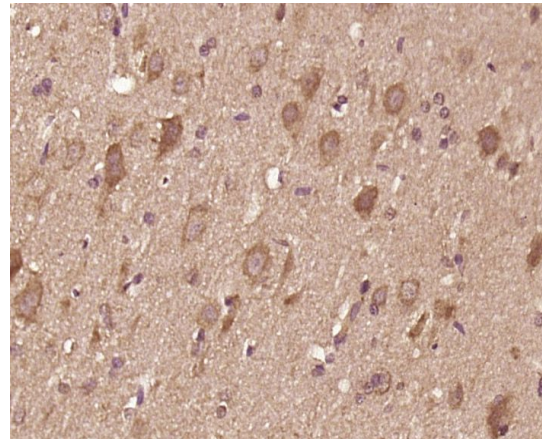


Fig1: Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IL12) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

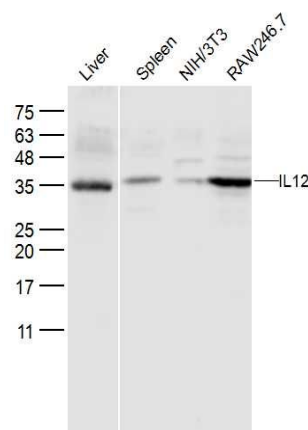


Fig2: Sample:; Liver (Mouse) Lysate at 40 ug; Spleen (Mouse) Lysate at 40 ug; NIH/3T3 (Mouse) CellLysate at 30 ug; RAW246.7 (Mouse) CellLysate at 30 ug; Primary: Anti- IL12 at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 22 kD; Observed band size: 35/36 kD

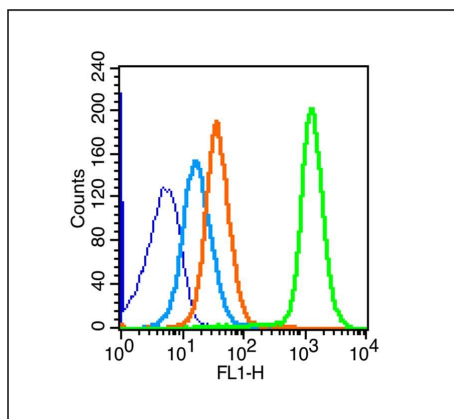


Fig3: Blank control (blue line): Mouse spleen (blue).; Primary Antibody (green line): Rabbit Anti-IL12 antibody ; Dilution: 1 $\mu$ g /10<sup>6</sup> cells;; Isotype Control Antibody (orange line): Rabbit IgG .; Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC; Dilution: 1 $\mu$ g /test.; Protocol; The cells were fixed with 70% ice-cold methanol overnight at 4°C. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at

room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

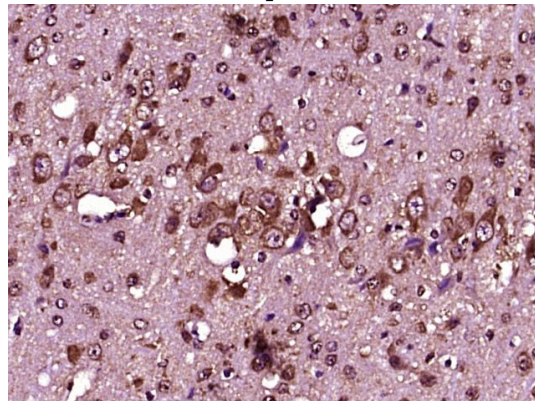


Fig4: Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IL12) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.