

Anti-IL-22 Polyclonal Antibody

Product Details

Ig Type: IgG
 Reactivity: Human, Mouse (predicted: Rat, Dog)
 Molecular Weight: Theoretical: 17 kDa. Actual: 17 kDa.
 Purification: Protein A purified

Applications

1. Blank control (blue): Mouse liver cells (fixed with 2% paraformaldehyde (10 min), then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody: Rabbit Anti-IL22 antibody (TMAB-00955), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions. Secondary Antibody: Goat anti-rabbit IgG-Pe (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

2. Sample:

Lane 1: 293T (Human) Cell Lysate at 30 µg

Lane 2: A549 (Human) Cell Lysate at 30 µg

Primary: Anti-IL22 (TMAB-00955) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 20 kDa

Verified Activity: Observed band size: 18 kDa

3. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (IL22) Polyclonal Antibody, Unconjugated (TMAB-00955) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 min and DAB staining.

4. Sample:

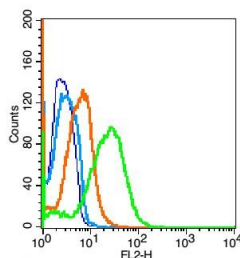
A549 (Human) Cell Lysate at 30 µg

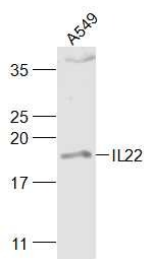
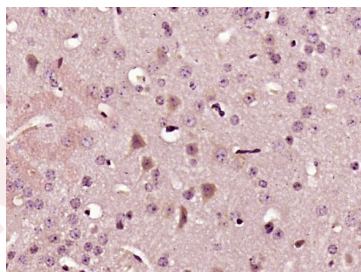
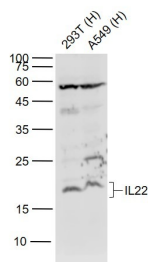
Primary: Anti-IL22 (TMAB-00955) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 17 kDa

Observed band size: 19 kDa





Application: FCM,IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg /test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human IL-22

Antigen Species: Human

Gene ID: 50616

Uniprot ID: Q9GZX6

Synonyms: TIFIL-23; zcyto18; interleukin 22; IL-D110; IL-TIF; IL-22; ILTIF; TIFa

Biology Area: Interleukins

Research Background

This gene was identified by its overexpression specifically in herpesvirus samimiri-transformed T cells. The encoded protein is a member of the IL10 family of cytokines. It is a secreted protein and may function as a homodimer. This protein is thought to contribute to the transformed phenotype of T cells after infection by herpesvirus samimiri. [provided by RefSeq].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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