



Interleukin 18BP (IL-18BP, IL18BPα, Interleukin 18 Binding Protein, Tadekinig-alfa, interferon-gamma inducing factor, IGIF)

Catalog number

I8440-02A

Supplier

United States Biological

Interleukin-18 is a cytokine and acts as an early signal in the development of the helper T cell (Th1) response. Interleukin-18 Binding Protein (IL-18BP) binds IL-18 and neutralizes the biological activity of IL-18 in vitro. IL-18BP is expressed in the spleen, belongs to the immunoglobulin superfamily, and has limited homology to the IL-1 type II receptor (1).

Applications

Suitable for use in Western Blot. Other applications not tested.

Recommended Dilution

Western Blot: 1:500-1:1000

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, add sterile 40-50% glycerol, aliquot and store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Human IL-18BP, aa 44-55, STKDPCPSQPPVC.

Cellular Localization: Secreted

Formulation

Supplied as a liquid in PBS, pH 7.2, sodium azide.

Purity

Serum

Specificity

Recognizes human Interleukin 18BP at ~40kD.

Product Type

Pab

Source

human

Isotype



IgG

Grade

Serum

Applications

WB

Crossreactivity

Hu

Storage

-20°C

Reference

1. He Z, Lu L, Altmann C, et al. Am J Physiol Renal Physiol 2008; 295(5): F1414-1421.