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## phospho-CD130/gp130 (Ser782) Rabbit pAb

Catalog Number: bs-10122R

Target Protein: phospho-CD130/gp130 (Ser782)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: Human, Rat, Rabbit (predicted: Mouse, Pig, Cow, Chicken, Dog, Horse)

Entrez Gene: 3572

Swiss Prot: P40189

Source: KLH conjugated synthesised phosphopeptide derived from human gp130 around the phosphorylation site of Ser782: SE(p-S)TQ.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

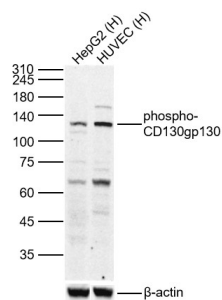
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: bs-1459P is one synthetic peptide derived from human IL6R beta.

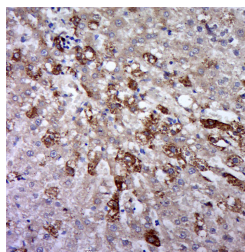
CD130 is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggested a critical role of the gene encoding this protein in regulating myocyte apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been described.

### VALIDATION IMAGES

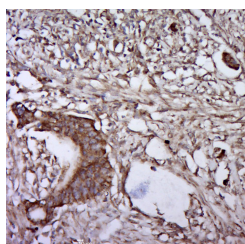
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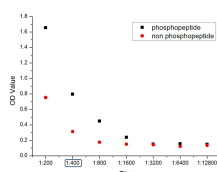
Sample: Lane 1: Human HepG2 cell Lysates Lane 2: Human HUVEC cell Lysates Primary: Anti-phospho-CD130gp130 (Ser782) (bs-10122R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130kDa Observed band size: 130kDa



Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (phospho-gp130 (Ser782)) Polyclonal Antibody, Unconjugated (bs-10122R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human cervical cancer); 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 (phospho-gp130 (Ser782)) Polyclonal Antibody, Unconjugated (bs-10122R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



phosphopeptide non phosphopeptide

## PRODUCT SPECIFIC PUBLICATIONS

[IF=5] Ling Zuo. et al. Therapeutic potential of icariin in rats with letrozole and high-fat diet-induced polycystic ovary syndrome. EUR J PHARMACOL. 2023 Jun;;175825 IHC,WB ; Rat . 37269973