

bs-9396R**[Primary Antibody]****phospho-CD130/gp130 (Ser782) Rabbit pAb****Bioss**
ANTIBODIES

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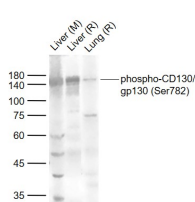
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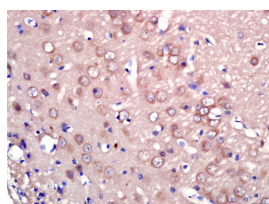
400-901-9800

DATASHEET

Host: Rabbit	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) Predicted MW.: 99 kDa Subcellular Location: Secreted ,Cell membrane
Clonality: Polyclonal		
GeneID: 3572	SWISS: P40189	
Target: CD130/gp130 (Ser782)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human gp130 around the phosphorylation site of Ser 782: SE(p-S)TQ.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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

Sample: Lane 1: Liver (Mouse) Lysate at 40 ug
Lane 2: Liver (Rat) Lysate at 40 ug Lane 3: Lung (Rat) Lysate at 40 ug
Primary: Anti-phospho-CD130/gp130 (Ser782) (bs-9396R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 130 kD Observed band size: 140 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-gp130 (Ser782) Polyclonal Antibody, Unconjugated (bs-9396R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining

SELECTED CITATIONS

- **[IF=7.76]** Honke, Nora, et al. "The p38 - Mediated Rapid Down - Regulation of Cell Surface gp130 Expression Impairs Interleukin - 6 Signaling in the Synovial Fluid of Juvenile Idiopathic Arthritis Patients." Arthritis & Rheumatology 66.2 (2014): 470-478. FCM ;="Human". 24504821

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