

bs-34036R**[Primary Antibody]****CD130 Rabbit pAb****BioSS**
ANTIBODIES

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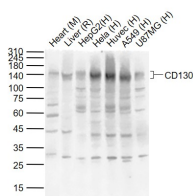
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ICC/IF (1:50 - 1:200) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 3572	SWISS: P40189	
Target: CD130		Reactivity: Human, Mouse, Rat
Immunogen: Recombinant human CD130 protein: 675-860.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 103 kDa
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.		Subcellular Location: Secreted ,Cell membrane
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: Heart (Mouse) Lysate at 40 ug
Lane 2: Liver (Rat) Lysate at 40 ug Lane 3: HepG2
(Human) Cell Lysate at 30 ug Lane 4: HeLa
(Human) Cell Lysate at 30 ug Lane 5: Huvec
(Human) Cell Lysate at 30 ug Lane 6: A549
(Human) Cell Lysate at 30 ug Lane 7: U87MG
(Human) Cell Lysate at 30 ug Primary: Anti-
CD130 (bs-34036R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 130 kD Observed
band size: 140 kD

— SELECTED CITATIONS —

- **[IF=1.4]** Kun Zhao. et al.IL6ST: A Novel Therapeutic Target for Managing and Treating Colorectal Cancer Via Ferroptosis.turk j gastroenterol.2024 Jun 6;35(9):690-698. IHC ;Human. 39344518