

Anti-CD130 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 103 kDa. Actual: 140 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Lane 1: Heart (Mouse) Lysate at 40 µg
	Lane 2: Liver (Rat) Lysate at 40 µg
	Lane 3: HepG2 (Human) Cell Lysate at 30 µg
	Lane 4: Hela (Human) Cell Lysate at 30 µg
	Lane 5: Huvec (Human) Cell Lysate at 30 µg
	Lane 6: A549 (Human) Cell Lysate at 30 µg
	Lane 7: U87MG (Human) Cell Lysate at 30 µg
	Primary: Anti-CD130 (TMAB-03837) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 130 kD
	Observed band size: 140 kD
Application:	WB,ELISA,ICC/IF
Recommended	WB: 1:500-2000; ELISA: 1:5000-10000; ICC/IF: 1:50 - 1:200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human CD130 protein
Antigen Species:	Human
Gene ID:	3572
Uniprot ID:	P40189

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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