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CD130/gp130 (Phospho-Ser782) rabbit pAb

Cat No.:ES17738

For research use only

Overview

Product Name	CD130/gp130 (Phospho-Ser782) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	IHC-p 1:50-200, WB 1:500-2000
Immunogen	Synthesized peptide derived from human CD130/gp130 (Phospho-Ser782)
Specificity	This antibody detects endogenous phospho levels of CD130/gp130 (Phospho-Ser782) at Human:S782, Mouse:S780
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	CD130/gp130 (Phospho-Ser782)
Gene Name	IL6ST
Cellular localization	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	130kD
Human Gene ID	3572
Human Swiss-Prot Number	P40189
Alternative Names	Interleukin-6 receptor subunit beta (IL-6 receptor subunit beta;IL-6R subunit beta;IL-6R-beta;IL-6RB;CDw130;Interleukin-6 signal transducer;Membrane glycoprotein 130;gp130;Oncostatin-M receptor subunit alpha;CD antigen CD130)
Background	The protein encoded by this gene is a signal transducer shared by many cytokines, including

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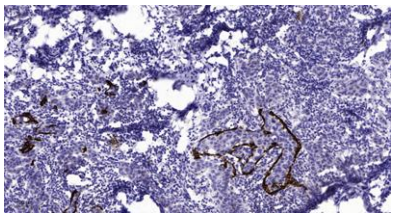
interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to 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 suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17. [provided by RefSeq, May 2014],



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C