

Mouse anti-CD130, clone B-T2 (Monoclonal)

Clone no. B-T2

MONOSAN

Product name	Mouse anti-CD130, clone B-T2 (Monoclonal)
Host	Mouse
Applications	ELISA,FC
Species reactivity	human
Conjugate	Purified
Immunogen	Natural soluble gp130 receptor.
Isotype	IgG1
Clonality	Monoclonal
Clone number	B-T2
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	PBS
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human CD130 antibody, clone B-T2 recognizes soluble and membrane bound gp130 receptor, also known as CD130, Interleukin-6 receptor subunit beta, Oncostatin-M receptor subunit alpha or Interleukin-6 signal transducer. CD130 is a 918 amino acid, ~130 kDa single pass type-1 transmembrane glycoprotein containing a single Ig-like C2 type and multiple fibronectin type-III domains. CD130 can be cleaved to form a monomeric soluble ~100 kDa form of the receptor detectable in plasma and other biologic fluids where it acts as an IL-6 antagonist (Müller-Newen et al. 1998). Mouse anti Human CD130 antibody, clone B-T2 binds to an epitope dependent at least partially on the presence of the Ig-like domain (Hammacher et al. 1998). Mouse anti Human CD130 antibody, clone B-T2 has been reported to block receptor activity and inhibit IL-6 induced proliferation of XG1 cells and IL-27 mediated proliferation of naive CD4+ T cells (de Groot et al. 2012, Pflanz et al. 2004).

References

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