

Mouse anti-Interleukin 6, clone 10C12 (monoclonal)

Clone no. 10C12

MONXtra

Product name	Mouse anti-Interleukin 6, clone 10C12 (monoclonal)
Host	Mouse
Applications	IHC-P (1:50)
Species reactivity	human
Conjugate	-
Immunogen	A prokaryotic recombinant protein containing part of the N-terminal domain of the interleukin 6 molecule
Isotype	IgG2a
Clonality	Monoclonal
Clone number	10C12
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tissue culture supernatant with 15mM Sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

IL-6 is a multifunctional cytokine that is secreted by both lymphoid and non-lymphoid cells. It plays a key role in immune responses, hematopoiesis and is an important cytokine in cell proliferation and differentiation. It may also play an important role as an autocrine growth factor in metastatic prostate cancer. IL-6 has been reported to play a role in secretion or release of pituitary hormone in pituitary hormone secreting cells and adenomas. In addition, IL-6 has been suggested to have a trophic effect in nerve cells and to have a direct pathogenic role in CNS disorders. There are an increasing number of reports that cytokines of the IL-6 family play an important regulatory role in heart physiology.

References

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3. Menet E et al. European Cytokine Network. 12 (4): 639–646 (2001)
4. Ono S et al. Journal of the Neurological Sciences. 187 (1–2): 27–34 (2001)
5. Yasukawa K et al. The EMBO Journal. 6 (10): 2939–2945 (1987)

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