

Mouse anti-IP-10, clone 6D4 (Monoclonal)

Clone no. 6D4

MONOSAN

Product name	Mouse anti-IP-10, clone 6D4 (Monoclonal)
Host	Mouse
Applications	IHC-fr,FC,ELISA,IF,WB
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2a
Clonality	Monoclonal
Clone number	6D4
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% 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

The monoclonal antibody 6D4 recognizes human C-X-C motif chemokine 10 (IP-10), a protein of 98 amino acids. IP-10, also known as CXCL10, functions as ligand for the CXCR3 receptor. IP-10 belongs to the α -chemokine (C-X-C) family, which can be divided in two subfamilies: (1) potent chemoattractants for neutrophils, like IL-8 and (2) potent chemoattractants for lymphocytes, like the IFN γ inducible protein (IP)-10. IP-10 is produced by a wide variety of cell types ranging from neutrophils, dendritic cells and monocytes to hepatocytes, endothelial cells and keratinocytes. The cytokine is reported to be involved in a scale of inflammatory pathologies such as HIV, encephalitis, cutaneous T cell lymphoma, chronic hepatitis, psoriasis and acute anterior uveitis. Various observations strongly suggest a role for the C-X-C chemokines IL-8 and IP-10 in the regulation of angiogenic activity in cancer and in idiopathic pulmonary fibrosis. Furthermore IP-10 is associated with acute rejection processes estimated by the predictive properties of urinary IP-10 expression for the short- and long-term graft function after kidney transplantation.

References

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2. Giustizieri, M et al Am J Pathol 2002, 161: 1409
3. Bendriss-Vermare; N et al. J of Leukoc Biol 2005; 78: 954
4. Curbishley S et al. Am J Pathol 2005; 167: 887
5. Wetzel M et al. J Immunol 2000; 165: 6519

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