

Product datasheet for **AM32132PU-N**

IP10 (CXCL10) Mouse Monoclonal Antibody [Clone ID: 6D4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6D4
Applications:	ELISA, WB
Recommended Dilution:	Western Blot. Flow Cytometry. Immunoassay.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	The antibody reacts specifically with Human IP-10.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% sodium azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-X-C motif chemokine ligand 10
Database Link:	Entrez Gene 3627 Human P02778



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Background:

Interferon-gamma-inducible 10 kD protein (IP-10), is a CXC chemokine with chemoattractant properties for CD4-positive T cells and inhibits early normal and leukemic hemopoietic progenitor proliferation. IP-10 is produced by a wide variety of cell types ranging from neutrophils and monocytes to hepatocytes, endothelial cells and keratinocytes. The cytokine is reported to be involved in a scala of inflammatory pathologies such as HIV encephalitis, cutaneous T cell lymphoma, chronic hepatitis and acute anterior uveitis. Various observations strongly suggest a role for the CXC chemokines IL-8 and IP-10 in the regulation of angiogenic activity in cancer and in idiopathic pulmonary fibrosis.

Synonyms:

C-X-C motif chemokine 10, Small-inducible cytokine B10, Gamma-IP10, INP10, SCYB10