

Datasheet

IL6 monoclonal antibody (M14), clone 4H1

Catalog Number: H00003569-M14

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant IL6.

Clone Name: 4H1

Immunogen: IL6 (AAH15511, 1 a.a. ~ 213 a.a)
full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MNSFSTSAFGPVAFSLGLLLVLPAAFPAPVPPGEDSKD
VAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNM
CESSKEALAENNLNLPKMAEKDGCQSGFNEETCLVK
IITGLLEFEVYLEYLQNRFESEEQARAVQMSTKVLIQF
LQKKAKNLDAITTPDPTTNASLLTKLQAQNQWLQDMT
THLILRSFKEFLQSSLRALRQM*

Host: Mouse

Reactivity: Human

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3569

Gene Symbol: IL6

Gene Alias: BSF2, HGF, HSF, IFNB2, IL-6

Gene Summary: This gene encodes a cytokine that

functions in inflammation and the maturation of B cells. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. [provided by RefSeq]