



Hi-Puri™ Human Anti-Human IL-6 Monoclonal antibody, clone 68F2 (DMAB-CS25510)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This binding interface of 68F2 to a major extent overlaps with site I recognized by IL-6R. This antibody is recommended for the identification of IL-6 in the sample.
Specificity	This antibody recognizes and binds interleukin-6 near the binding site I near the N-terminal part of α -helix 1 and the C-terminal part of α -helix 4 of the four-helix bundle, as well as the long loop between α -helices 1 and 2.
Target	Human IL-6
Immunogen	The original antibody was generated by immunizations of Llama glama with recombinant IL-6 followed by construction of phage display library, selection, screening and purification.
Isotype	IgG
Source/Host	Human
Species Reactivity	Human
Clone	68F2
Purification	>90% determined by SDS-PAGE
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid

Concentration	lot specific
Size	200 µg, 1 mg
Buffer	PBS. Endotoxin ≤ 1 EU/mg Lower endotoxin levels are available upon request.
Preservative	None
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles.
Ship	Dry ice

BACKGROUND

Introduction	Interleukin 6 (IL-6) is an interleukin that acts as both a pro-inflammatory cytokine and an antiinflammatory myokine. In humans, it is encoded by the IL6 gene.
Keywords	IL6; Interleukin-6; BSF2; HSF; IFNB2; IL-6; CDF; BSF-2; B-cell stimulatory factor 2; Interferon beta-2; IFN-beta-2