

**MONOCLONAL ANTIBODY TO
HUMAN INTERLEUKIN-6 (IL-6)
Clone 5E1**



Catalog nr	HM2001 (lot number and expiry date are indicated on the label)
Description	The antibody reacts with human native and recombinant IL-6 as assessed by ELISA. The antibody inhibits the biological activity of human native and recombinant IL-6 as determined with the B9 cell bioassay. The antibody cross reacts with rhesus and cynomolgus natural IL6.
Species	Mouse IgG ₁
Formulation	1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.
Application	The antibody can be used for immuno assays, immunoprecipitation and Western blotting. Furthermore the antibody is useful for neutralization of the biological activity of IL-6.
Use	For Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions, starting with undiluted material. For neutralization of biological activity in vitro dilutions have to be made according to the amount of IL-6 to be inactivated. Before use in biological assays, the product must be filter sterilized and depending on the concentration to be used dialyzed against culture medium to remove the sodium azide added. Please inquire for availability of azide free solutions.
Storage and stability	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.
Precautions	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and Federal rules in the use of this product. Hbt is not responsible for any patent infringements that might result with the use of or derivation of this product.
Also available	HP9005 Polyclonal antibody against Human IL-6