



Anti human interleukin 1 alpha (hIL-1 α)

Specificity: Recognizes human IL-1 alpha. (Does not recognize mouse IL-1 alpha, human IL-1 beta or a panel of other human cytokines.)

Isotype: mouse IgG1

Clone: AS5

Concentration: 1 mg/ml

Formulation: Provided as 0.2 μ m sterile filtered solution in phosphate buffered saline with 0.08% sodium azide.

Applications: Immunoprecipitation: This antibody has been used to immunoprecipitate > 90% hIL-1 (in solution using a double-antibody method. (Midgley, AR and Hepburn, MR, Methods Enzymol., 70, 266, 1980).
Immunohistochemistry: This antibody has been used at 1-10 ug/ml to stain human hIL-1a expressed in mononuclear cells, following fixation with 4% paraform in PBS for 10 minutes at 4 (C, plus 0.1% saponin 20 minutes at RT.
Neutralization: This antibody has been used at 25 micrograms/ml to neutralize \geq 95% of the biological activity of hIL-1 at 0.5 mg/ml.
ELISA: This antibody has been used as a solution phase antibody at 2 μ g/ml in a two site ELISA with biotin conjugated IL-1 alpha antibody (Cat. No. L123M). Typically the ELISA has a working range of 0-10000 pg/ml and a sensitivity of 5 pg/ml with the appropriate standard. Recommended sample volumes are 25-200 μ l. Recovery of hIL-1(in human serum is typically >85% in the ELISA.

Antibody Source: *In vitro* cell culture, protein G purified.

Antibody Purity: > 95 % by SDS PAGE

Storage: Antibodies should be stored at -20° C. Aliquot to avoid freeze/thaw cycles.

Stability: Antibodies are stable for one year from purchase if stored frozen.

Ordering Information:	Form	Vial Size	Catalog #
	Pure	0.5 mg	L122M

For research use only. Not for use in human diagnostics or therapeutics.