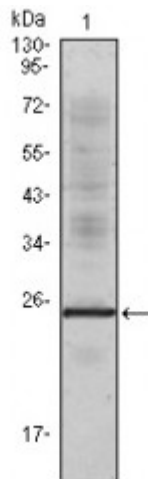


Anti-IL- alpha antibody



Description	Mouse monoclonal to IL-1alpha.
Model	STJ98170
Host	Mouse
Reactivity	Human
Applications	ELISA, WB
Immunogen	Purified recombinant fragment of human IL-1a expressed in E. Coli.
Gene ID	3552
Gene Symbol	IL1A
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	IL-1alpha Monoclonal Antibody detects endogenous levels of IL-1alpha protein.
Purification	Affinity purification
Clone ID	1F3B3 / 3A6F11
Note	For Research Use Only (RUO).
Protein Name	Interleukin-1 alpha IL-1 alpha Hematopoietin-1
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG2a
Formulation	Ascitic fluid containing 0.03% sodium azide.

Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5991OMIM:147760
Alternative Names	Interleukin-1 alpha IL-1 alpha Hematopoietin-1
Function	Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.
Sequence and Domain Family	The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.
Cellular Localization	Secreted. The lack of a specific hydrophobic segment in the precursor sequence suggests that IL-1 is released by damaged cells or is secreted by a mechanism differing from that used for other secretory proteins.

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