

Product datasheet for **AM05675AF-N**

IL1a Mouse Monoclonal Antibody [Clone ID: Flo1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Flo1
Applications:	ELISA, FN
Recommended Dilution:	ELISA. Functional Assays: 50µg/ml.
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant mouse IL-1 alpha
Specificity:	This antibody specifically recognises interleukin-1 alpha (IL-1 alpha). Clone Flo1 can be used in functional studies to neutralize the activity of 125pg/ml of recombinant mouse IL-1 alpha by 95%, as tested using mouse D10(N4)M T-helper cells.
Formulation:	Phosphate buffered saline State: Azide Free State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 1 alpha
Database Link:	Entrez Gene 16175 Mouse P01582



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Background:

IL-1 alpha is a pleiotropic pro-inflammatory cytokine and member of the IL-1 superfamily, secreted by activated macrophages and monocytes, which mediates a wide range of immune and inflammatory responses. IL-1 alpha and closely related IL-1 beta, are both involved in haematopoiesis and exhibit many identical immunomodulatory properties, binding to the same type I interleukin-1 receptor, also known as CD121a.

Synonyms:

IL-1 alpha, IL1F1, IL1A, Hematopoietin-1