

DATASHEET

IL-1 alpha Armenian Hamster Monoclonal Antibody(ALF-161)

CAT. NO. AMA03748

KEY FEATURES

Target	IL-1 alpha	Source / Host	Armenian Hamster
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Armenian Hamster IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

BACKGROUND

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Armenian Hamster monoclonal antibody to IL-1 alpha
Specificity	Recognizes mouse IL-1 alpha
Antibody Type	Primary antibody
Immunogen	E. coli - expressed, recombinant mouse IL-1
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Armenian Hamster IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	IL1F1; Interleukin-1 alpha; IL-1 alpha; Hematopoietin-1
Gene Symbol	IL1A
Entrez Gene	16175(Mouse)
SwissProt	P01582(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.