

Rabbit anti-Human, Mouse IL1 alpha Polyclonal Antibody | anti-IL1A antibody

IL1 alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312107	Rabbit	Human, Mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry

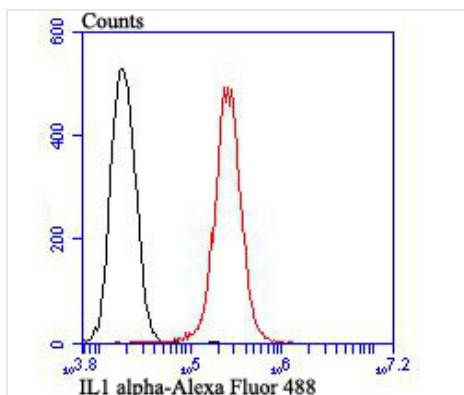
PRODUCT SYNONYMS

IL1 alpha; Polyclonal Antibody; IL1 alpha Antibody; BAF antibody; FAF antibody; Hematopoietin 1 antibody; Hematopoietin-1 antibody; IL 1 alpha antibody; IL 1A antibody; IL-1 alpha antibody; IL-1a antibody; IL1 ALPHA antibody; IL1 antibody; IL1A antibody; IL1A_HUMAN antibody; IL1F1 antibody; Interleukin 1 alpha antibody; Interleukin-1 alpha antibody; Interleukin1 alpha antibody; LAF antibody; LEM antibody; Preinterleukin 1 alpha antibody; Pro interleukin 1 alpha antibody; anti-IL1A antibody

PRODUCT SPECIFICATIONS

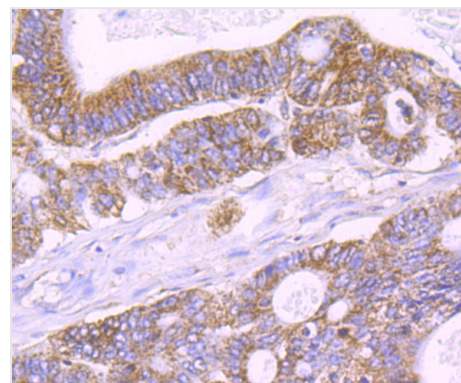
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Protein affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-IL1A antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



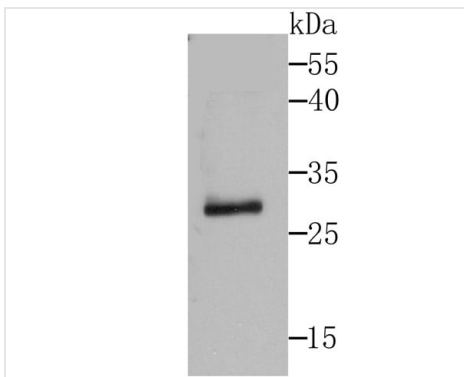
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of PC-3M cells with IL1 alpha antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-IL1 alpha antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of IL1 alpha on human lymph node lysates using anti-IL1 alpha antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IL1A antibody	Two forms of interleukin-1, designated IL-1alpha and IL-1beta , have been described. Although encoded by distinct genes and exhibiting roughly only 25% sequence identity, IL-1alpha and IL-1beta bind to the same receptor and seem to elicit similar biological responses. IL-1 production is generally thought to be associated with inflammation, but it has also been shown to be expressed during kidney development, thymocyte differentiation and cartilage degradation. IL-1 plays a critical role in the regulation of immune response and inflammation, acting as an activator of T and B lymphocytes and natural killer (NK) cells. In T cells, IL-1 stimulates the production of IL-2 and selectively inhibits IL-4 expression. IL-1 induces B cell proliferation and maturation, and immunoglobulin synthesis. NK cells require IL-1beta for production of the anti- pathogen IFN-gamma. IL-1 has also been implicated in several pathological conditions including rheumatoid arthritis, inflammatory bowel disease and atherosclerosis.
Product Categories/Family for anti-IL1A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894330
NCBI GeneID	3552
NCBI Accession #	NP_000566.3
NCBI GenBank Nucleotide #	NM_000575.3
UniProt Accession #	P01583 ; Q53QF9 ; Q7RU02
Molecular Weight	30,607 Da
NCBI Official Full Name	interleukin-1 alpha proprotein
NCBI Official Synonym Full Names	interleukin 1, alpha
NCBI Official Symbol	IL1A
NCBI Official Synonym Symbols	IL1; IL-1A; IL1F1; IL1-ALPHA
NCBI Protein Information	interleukin-1 alpha; IL-1 alpha; hematopoietin-1; preinterleukin 1 alpha; pro-interleukin-1-alpha
UniProt Protein Name	Interleukin-1 alpha
UniProt Gene Name	IL1A
UniProt Synonym Gene Names	IL1F1; IL-1 alpha
UniProt Entry Name	IL1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il1-alpha-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/312107>