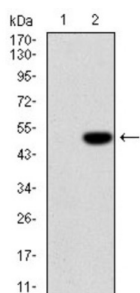
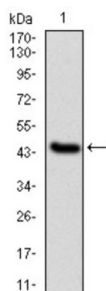


Interleukin 1 Beta (IL1B) Antibody

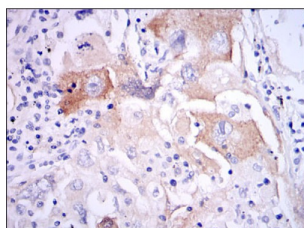
Catalogue No.: abx011665



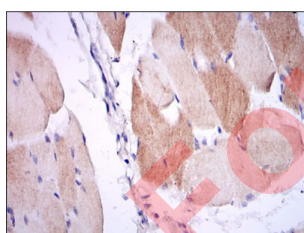
Western blot analysis using IL1B antibody against human IL1B (AA: 126-261) recombinant protein. (Expected MW is 41 kDa).



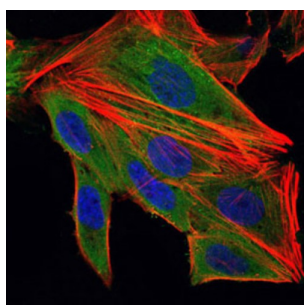
Western blot analysis using IL1B antibody against HEK293 (1) and IL1B-hlgGfC transfected HEK293 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded muscle tissues using IL1B antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded lung cancer tissues using IL1B antibody with DAB staining.

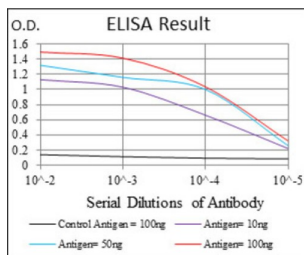


Immunofluorescence analysis of HepG2 cells using IL1B antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.

Datasheet

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Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene.

Target: Interleukin 1 Beta (IL1B)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IHC, IF/ICC

Host: Mouse

Recommended dilutions: ELISA: 1/10000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human IL1B expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P01584 ([UniProt](#), [ExPASy](#))

Gene Symbol: IL1B

GeneID: [3553](#)

Datasheet

Version: 3.0.0

Revision date: 19 May 2025



OMIM: [147720](#)

HGNC: 5992

KEGG: hsa:3553

Ensembl: ENSG00000125538

String: [9606.ENSP00000263341](#)

Molecular Weight: 31 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only