



[Go to Product page](#)

Datasheet for ABIN1724632

anti-IL1A antibody

1 Image

2 Publications

Overview

Quantity:	100 µL
Target:	IL1A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human IL1a expressed in E. coli.
Clone:	3A6F11
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	IL1A
Alternative Name:	IL-1a (IL1A Products)
Background:	Description: Interleukin-1alpha is a member of the interleukin 1 cytokine family. It 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

Target Details

apoptosis. IL-1 alpha 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

Aliases: IL1, IL-1A, IL1F1, IL1-ALPHA

Molecular Weight: 30.6 kDa

Gene ID: 3552

HGNC: 3552

Pathways: [NF-kappaB Signaling](#), [Autophagy](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

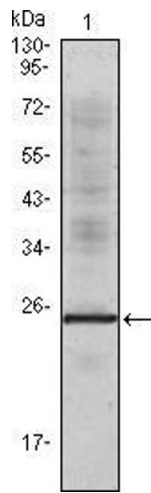
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Galati, Magdinier, Colasanti, Bauwens, Pinte, Ricordy, Giraud-Panis, Pusch, Savino, Cacchione, Gilson: "TRF2 controls telomeric nucleosome organization in a cell cycle phase-dependent manner." in: **PLoS ONE**, Vol. 7, Issue 4, pp. e34386, (2012) ([PubMed](#)).

Diehl, Idowu, Kimmelshue, York, Jackson-Cook, Turner, Holt, Elmore: "Elevated TRF2 in advanced breast cancers with short telomeres." in: **Breast cancer research and treatment**, Vol. 127, Issue 3, pp. 623-30, (2011) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using IL1a mouse mAb against truncated IL1a recombinant protein.