

Datasheet for ABIN1944748
anti-IL-18 antibody (C-Term)

6 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	IL-18 (IL18)
Binding Specificity:	AA 155-188, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-18 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This IL18 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 155-188 AA from the C-terminal region of human IL18.
Clone:	RB48154
Isotype:	Ig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	IL-18 (IL18)
Alternative Name:	IL18 (IL18 Products)
Background:	Augments natural killer cell activity in spleen cells and stimulates interferon gamma production

Target Details

	in T-helper type I cells. Synonyms: Interleukin-18, IL-18, Iboctadekin, Interferon gamma-inducing factor, IFN-gamma-inducing factor, Interleukin-1 gamma, IL-1 gamma, IL18, IGIF, IL1F4
Molecular Weight:	22326 Da
Gene ID:	3606
UniProt:	Q14116
Pathways:	Cellular Response to Molecule of Bacterial Origin , Activated T Cell Proliferation , Cancer Immune Checkpoints , Inflammasome

Application Details

Application Notes:	WB - 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

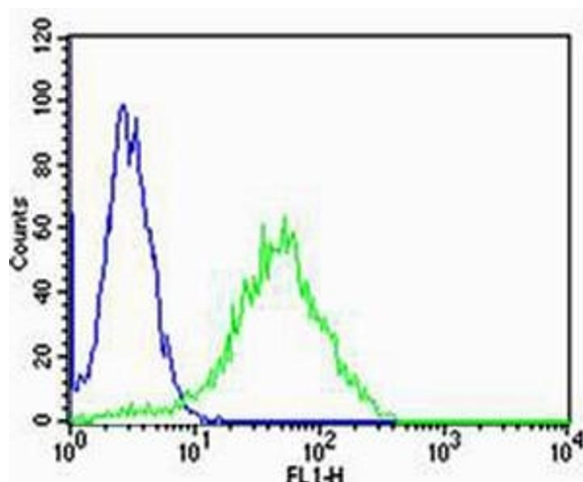
Publications

Product cited in:	McPherson, Baichwal, Weigel: "Identification of ERF-1 as a member of the AP2 transcription factor family." in: Proceedings of the National Academy of Sciences of the United States of America , Vol. 94, Issue 9, pp. 4342-7, (1997) (PubMed).
	Williamson, Boshier, Skinner, Sheer, Williams, Hurst: "Chromosomal mapping of the human and

mouse homologues of two new members of the AP-2 family of transcription factors." in:

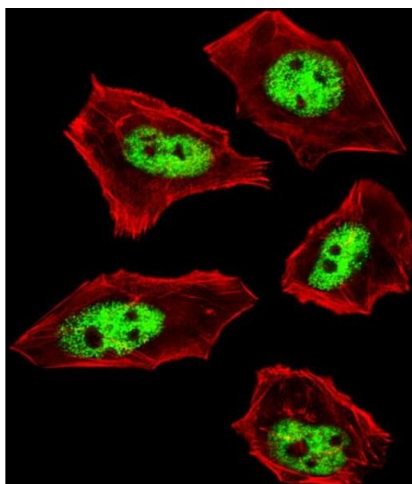
Genomics, Vol. 35, Issue 1, pp. 262-4, (1996) ([PubMed](#)).

Images



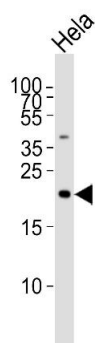
Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using IL18 Antibody (C-term)(green, Cat) compared to an isotype control of rabbit IgG(blue). was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



Immunofluorescence

Image 2. Fluorescent image of cells stained with IL18 Antibody (C-term) . was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Western Blotting

Image 3. Western blot analysis of lysate from Hela cell line, using IL18 Antibody (C-term) . was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1944748.