

ARG63152 anti-NFIL3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes NFIL3
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	FACS, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NFIL3
Species	Human
Immunogen	C-RLIATQPISASDSG
Conjugation	Un-conjugated
Alternate Names	Nuclear factor interleukin-3-regulated protein; NF-IL3A; E4BP4; IL3BP1; Transcriptional activator NF-IL3A; NFIL3A; Interleukin-3 promoter transcriptional activator; E4 promoter-binding protein 4; Interleukin-3-binding protein 1

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	WB	0.5 - 2 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 4783 Human](#)

[Swiss-port # Q16649 Human](#)

Background

Expression of interleukin-3 (IL3; MIM 147740) is restricted to activated T cells, natural killer (NK) cells, and mast cell lines. Transcription initiation depends on the activating capacity of specific protein factors, such as NFIL3, that bind to regulatory regions of the gene, usually upstream of the transcription start site (Zhang et al., 1995 [PubMed 7565758]).[supplied by OMIM, Feb 2009]

Research Area

Gene Regulation antibody; Immune System antibody

Calculated Mw

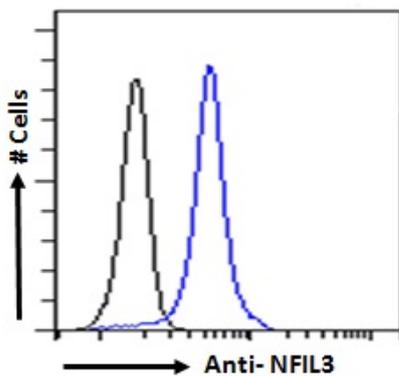
51 kDa

Images



ARG63152 anti-NFIL3 antibody WB image

Western Blot: HepG2 lysate (RIPA buffer, 20 µg total protein per lane) stained with ARG63152 anti-NFIL3 antibody at 0.5 µg/ml dilution.



ARG63152 anti-NFIL3 antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed Human peripheral blood mononuclear cells permeabilized with 0.5% Triton. Cells were stained with ARG63152 anti-NFIL3 antibody (blue line) at 10 µg/ml dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).