

## Product datasheet

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# ARG54997 anti-USF1 antibody

Package: 100 μl Store at: -20°C

### Summary

Product Description Mouse Monoclonal antibody recognizes USF1

Tested Reactivity Hu
Tested Application WB

Host Mouse

**Clonality** Monoclonal

Clone 1264CT170.274.14

Isotype IgG1

Target Name USF1

Species Human

Immunogen Recombinant protein corresponding to aa. 1-310 of Human USF1.

Conjugation Un-conjugated

Alternate Names HYPLIP1; FCHL1; MLTFI; bHLHb11; UEF; Upstream stimulatory factor 1; Class B basic helix-loop-helix

protein 11; Major late transcription factor 1; FCHL; MLTF

#### **Application Instructions**

Application table	Application	Dilution
	WB	1:500
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

## **Properties**

Form Liquid

Purification Purification with Protein G.

Buffer PBS and 0.09% (W/V) Sodium azide

Preservative 0.09% (W/V) Sodium azide

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 GenelD: 7391 Human

Swiss-port # P22415 Human

Gene Symbol USF1

Gene Full Name upstream transcription factor 1

Background This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a

cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hyperlipidemia (FCHL). Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has

been defined on chromosome 21. [provided by RefSeq, Feb 2013]

Function Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in

a variety of viral and cellular promoters. [UniProt]

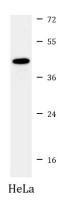
Research Area Cancer antibody; Cell Biology and Cellular Response antibody; Gene Regulation antibody; Metabolism

antibody

Calculated Mw 34 kDa

Cellular Localization Nucleus.

#### **Images**



#### ARG54997 anti-USF1 antibody WB image

Western blot: 35  $\mu g$  of HeLa cell lysate stained with ARG54997 anti-USF1 antibody at 1:1000 dilution.