

Datasheet for ABIN2749146
anti-DDIT4L antibody (AA 2-98) (PE)[Go to Product page](#)

3 Images

Overview

Quantity:	0.1 mg
Target:	DDIT4L
Binding Specificity:	AA 2-98
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDIT4L antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	N-terminal recombinant fragment of human DDIT4L (amino acids 2-98)
Clone:	DDIT-03
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody DDIT-03 recognizes DDIT4L / REDD2 protein, which belongs to intracellular stress-induced proteins involved in mediation of cell death.
Cross-Reactivity (Details):	Human
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

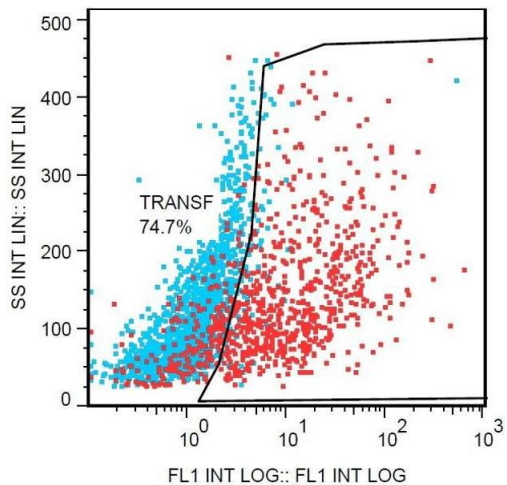
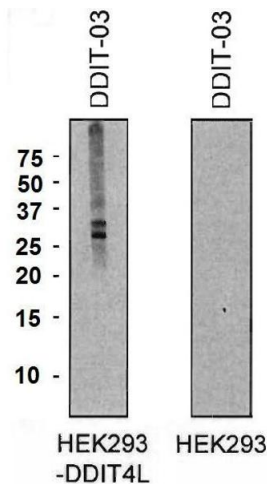
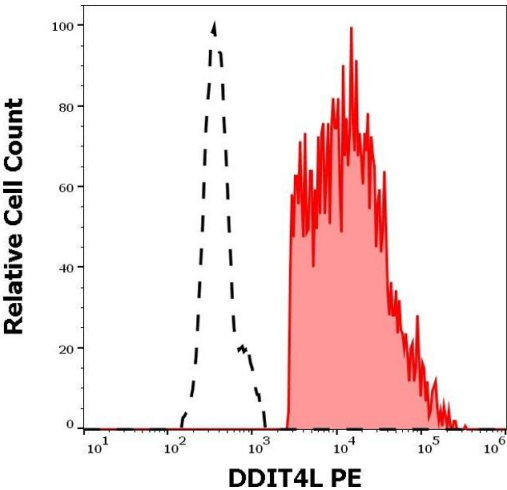
Target:	DDIT4L
Alternative Name:	DDIT4L (DDIT4L Products)
Background:	DNA damage inducible transcript 4 like,DDIT4L (DNA-damage-inducible transcript 4-like), also known as REDD2 (regulated in development and DNA damage response 2) or RTP801L is a stress-induced protein, which was shown to mediate monocyte cell death through a reduction in thioredoxin-1 expression, and is highly expressed in atherosclerotic lesions. Stimulation of DDIT4L expression in macrophages increases oxidized LDL-induced macrophage death.,DDIT4L, REDD2, Rtp801L
Gene ID:	115265
UniProt:	Q96D03

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL. Intracellular staining.
Comment:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate was purified by size-exclusion chromatography.
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM 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
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 1. Separation of DDIT4L transfected HEK-293 cells stained using anti-human DDIT4L (DDIT-03) PE antibody (concentration in sample 5 µg/mL, red-filled) from DDIT4L transfected HEK-293 cells stained using mouse IgG1 isotype control (MOPC-21) PE antibody (concentration in sample 5 µg/mL, same as DDIT4L PE concentration, black-dashed) in flow cytometry analysis (intracellular staining) of DDIT4L transfected HEK-293 cell suspension.

Western Blotting

Image 2. Western blotting analysis of DDIT4L expression in HEK293-DDIT4L transfectants and HEK293 cells using mouse monoclonal antibody DDIT-03 .

Flow Cytometry

Image 3. Flow cytometry detection of DDIT4L in DDIT4L-transfected Hek293 cells using the mouse monoclonal antibody DDIT-03 PE.