**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for AM26767RP-N

## DDIT4L (2-98) Mouse Monoclonal Antibody [Clone ID: DDIT-03]

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | DDIT-03 |
| **Applications:** | FC, WB |
| **Recommended Dilution:** | Flow cytometry. |
| **Reactivity:** | Human |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Clonality:** | Monoclonal |
| **Immunogen:** | N-terminal recombinant fragment of human DDIT4L (amino acids 2-98) |
| **Specificity:** | This antibody recognizes DDIT4L / REDD2 protein, which belongs to stress-induced proteins involved in mediation of cell death. |
| **Formulation:** | Phosphate buffered saline (PBS)<br>Label: PE<br>State: Liquid purified Ig fraction<br>Stabilizer: 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA)<br>Preservative: 15 mM sodium azide<br>Label: Conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate was purified by size-exclusion chromatography. |
| **Concentration:** | lot specific |
| **Conjugation:** | PE |
| **Storage:** | Store the antibody undiluted at 2-8°C.<br>**DO NOT FREEZE!**<br>This product is photosensitive and should be protected from light. |
| **Stability:** | Shelf life: one year from despatch. |
| **Gene Name:** | DNA damage inducible transcript 4 like |
| **Database Link:** | Entrez Gene 115265 Human<br>Q96D03 |

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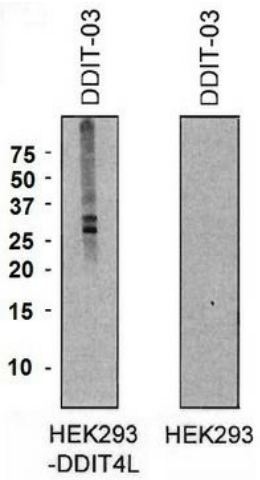
**Background:** DDIT4L (DNA-damage-inducible transcript 4-like), also known as REDD2 (regulated in development and DNA damage response 2) or RTP801L is a stress-inducted protein, which was shown to mediate monocyte cell death through a reduction in thioredoxin-1 expression, and is highly expressed in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

**Synonyms:** DNA-damage-inducible transcript 4-like protein, HIF-1 responsive protein, REDD2, REDD-2, RTP801L

## Product images:




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