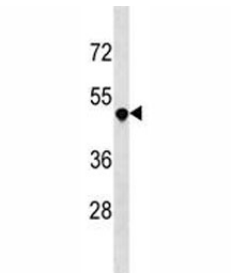
# DR3 Antibody (Death Receptor 3) (F45569)

| Catalog No. | Formulation | Size |
|---|---|---|
| F45569-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F45569-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | Q93038 |
| **Applications** | Western blot: 1:1000 |
| **Limitations** | This DR3 antibody is available for research use only. |




DR3 antibody western blot analysis in 293 lysate. Predicted molecular weight: 45 kDa, observed at 50-70 kDa.

## Description

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed preferentially in the tissues enriched in lymphocytes, and it may play a role in regulating lymphocyte homeostasis. This receptor has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length,

membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation.

## Application Notes

Titration of the DR3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 214-242 from the human protein was used as the immunogen for this DR3 antibody.

## Storage

Aliquot the DR3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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