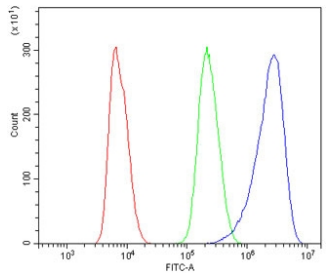
# DR3 Antibody / Tnfrsf25 (RQ5925)

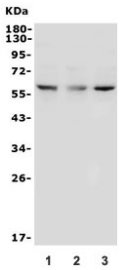
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ5925 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| **UniProt** | D4ADP7 |
| **Applications** | Western blot: 0.5-1ug/ml<br>Flow cytometry: 1-3ug/million cells<br>Direct ELISA: 0.1-0.5ug/ml |
| **Limitations** | This DR3 antibody is available for research use only. |




Flow cytometry testing of rat NRK cells with DR3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DR3 antibody.




Western blot testing of mouse 1) SP2/0, 2) RAW264.7 and 3) NIH 3T3 lysate with DR3 antibody. Predicted molecular weight: 45 kDa, observed at 50-70 kDa.

## Description

TNFRSF25 (Tumor Necrosis Factor Receptor Superfamily Member 25), also known as LARD, APO3, DR3 or TNFR25, is a protein that in humans is encoded by the TNFRSF25 gene. Members of the mammalian tumor necrosis factor receptor (TNFR) family are cell-surface proteins that interact with a corresponding TNF-related ligand family. By fluorescence in situ hybridization, Marsters et al. (1996) mapped the Apo3 gene to 1p36.3. Marsters et al. (1996) showed that ectopic expression of Apo3 in mammalian cells triggered apoptosis and activated the transcription factor NF-kappa-B. They suggested that, like TNFR1, Apo3 may regulate distinct signaling pathways in different cellular contexts.

## Application Notes

Optimal dilution of the DR3 antibody should be determined by the researcher.

## Immunogen

Recombinant rat protein (amino acids E43-E393) was used as the immunogen for the DR3 antibody.

## Storage

After reconstitution, the DR3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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