

## 12-9440: Anti-TNFSF15 antibody(DMC464); IgG1 Chimeric mAb

|                           |                               |
|---------------------------|-------------------------------|
| <b>Clonality :</b>        | Monoclonal                    |
| <b>Clone Name :</b>       | DMC464                        |
| <b>Application :</b>      | FACS                          |
| <b>Reactivity :</b>       | Human                         |
| <b>Uniprot ID :</b>       | O95150                        |
| <b>Alternative Name :</b> | TL1; VEGI                     |
| <b>Isotype :</b>          | Rabbit/Human Fc chimeric IgG1 |

### Description

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The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells; but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21:DR6. It can activate NF-kappaB and MAP kinases; and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation; and thus may function as an angiogenesis inhibitor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq; Feb 2011]

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 10 µg / 100 µg  |
| <b>Purification :</b>      | Purified from cell culture supernatant by affinity chromatography   |
| <b>Content :</b>           | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| <b>Storage condition :</b> | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |

### Application Note

FACS 1:100

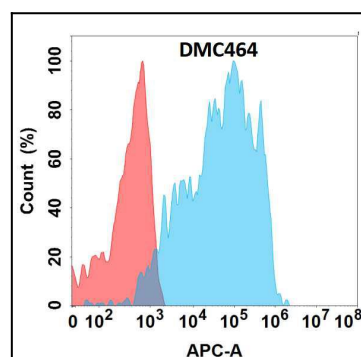


Figure 1. Flow cytometry analysis with Anti-TNFSF15 (DMC464) on Expi293 cells transfected with human TNFSF15 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).