

## Anti-TNFSF15 Neutralizing Antibody (V3S-0522-YC1351)

Cat. No.: V3S-0522-YC1351

### Summary

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| <b>Description</b>        | This product is a monoclonal antibody derived from Human ( <i>Homo sapiens</i> ), which can specifically recognize Tumor necrosis factor superfamily member 15. The antibody is expressed with mammalian cell transient expression system, serum-free and purified by affinity chromatography. The purity and integrity are tested via SDS-PAGE and SEC-HPLC analysis. Given an antigen, additional QC measures are also desired such as affinity testing and binding validation.<br>Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The <i>In vivo</i> version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 EU/mg), and is preservative, stabilizer, and carrier protein-free. |
| <b>Clonality</b>          | Monoclonal   |
| <b>Host Species</b>       | Human  |
| <b>Target Species</b>     | Human, Monkey, Mouse   |
| <b>Immunogen</b>          | TL1A protein   |
| <b>Isotype</b>            | IgG1, κ  |
| <b>Isotype Control</b>    | C67002   |
| <b>Secondary Antibody</b> | C32400; C75370; C10513; C51635; C45530; C61612; C23324; C61612   |

### Property

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| <b>Expression Species</b> | HEK293F or CHO  |
| <b>Conjugation</b>        | None  |
| <b>Purity</b>             | >95%, determined by SDS-PAGE and/or SEC-HPLC                                |
| <b>Endotoxin</b>          | <1 EU/mg, determined by LAL method  |
| <b>Purification</b>       | Protein A affinity purified   |
| <b>Sterility</b>          | 0.2 μM filtered   |
| <b>Formulation</b>        | PBS, pH 7.4   |
| <b>Preservation</b>       | No preservatives  |
| <b>Stabilizer</b>         | No stabilizers  |
| <b>Storage</b>            | Store at 4°C within a week. For longer storage, aliquot and store at -20°C. |

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

## Applications

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| <b>Application</b>       | ELISA; FC; Neut   |
| <b>Application Notes</b> | The antibody is recommended for detection of TNFSF15 by ELISA, FC, Neut assays. |

## Target

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|-------------------------|---|
| <b>Target</b>           | TNFSF15   |
| <b>Alternative Name</b> | TNFSF15; Tumor necrosis factor superfamily member 15; TL1; TL1A; VEGI; VEGI192A; tumor necrosis factor ligand superfamily member 15; TNF superfamily ligand TL1A; TNF ligand-related molecule 1; vascular endothelial cell growth inhibitor; vascular endothelial growth inhibitor-192A   |
| <b>Gene ID</b>          | <a href="#">9966</a>  |
| <b>UniProt</b>          | <a href="#">O95150</a>  |
| <b>Introduction</b>     | TNFSF15 (TNF Superfamily Member 15) is a Protein Coding gene. Diseases associated with TNFSF15 include Primary Biliary Cirrhosis and Diverticulitis. Among its related pathways are Apoptosis Modulation and Signaling and PEDF Induced Signaling. 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. |
| <b>Research Area</b>    | Cardiovascular  |
| <b>Related Disease</b>  | Allergic airway disease   |

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