

## Rat Anti-TNFSF15 Neutralizing Antibody (V3S-0822-YC2554)

Cat. No.: V3S-0822-YC2554

### Summary

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<b>Description</b>	This product is a rat monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing tumor necrosis factor (ligand) superfamily, member 15. It can be used for TNFSF15 detection in Neutralization Assay (Neut), Western Blot (WB). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
<b>Clonality</b>	Monoclonal
<b>Host Species</b>	Rat
<b>Target Species</b>	Human, Mouse
<b>Immunogen</b>	Recombinant mouse TL1A/TNFSF15
<b>Isotype</b>	IgG1
<b>Isotype Control</b>	C24476
<b>Secondary Antibody</b>	C40224; C74571; C22227; C56421; C47763; C63764; C45522

### Property

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<b>Conjugation</b>	Unconjugated
<b>Purity</b>	>95%, determined by SDS-PAGE
<b>Purification</b>	Protein A or G purified
<b>Storage</b>	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

### Applications

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<b>Application</b>	Neut; WB
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For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

## Target

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<b>Target</b>	TNFSF15
<b>Alternative Name</b>	TNFSF15; tumor necrosis factor (ligand) superfamily; member 15; TL1; TL1A; VEGI; VEGI19 2A; tumor necrosis factor ligand superfamily member 15; TNF superfamily ligand TL1A; TNF I igand-related molecule 1; vascular endothelial cell growth inhibitor; vascular endothelial growt h inhibitor-192A
<b>Gene ID</b>	<a href="#">9966</a>
<b>UniProt</b>	<a href="#">O95150</a>
<b>Introduction</b>	TNFSF15 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This prot ein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. Th e expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for re ceptor 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.
<b>Research Area</b>	Cardiovascular; Immunology

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