

## Product datasheet for **TA386221**

### Tnfsf15 Rat Monoclonal Antibody [Clone ID: TAN2-2]

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	TAN2-2
<b>Applications:</b>	BI, FC, IF
<b>Reactivity:</b>	Mouse
<b>Host:</b>	Rat
<b>Isotype:</b>	IgG2a, kappa
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	This antibody was raised by immunising rats with a soluble recombinant TL1A (T77-L252):Fc protein.
<b>Specificity:</b>	<p>This antibody is specific for TL1A, a member of the TNF ligand family. TL1A is expressed by endothelial cells, tissue macrophages, monocyte-derived dendritic cells, plasma cells and lamina propria-derived lymphocytes. Among peripheral blood cells, TL1A has been shown to be expressed predominantly by CD4+CCR9+ lymphocytes. Its expression has been shown to be induced by TNF alpha, IL-1 alpha and IFN gamma.</p> <p>This antibody has been used in FACS analyses to reveal the role of TL1A in humoral immune responses and its mechanism of action in the development of collagen-induced arthritis (Wang et al, 2013), and in immunofluorescence confocal microscopy to demonstrate how chronic DR3 signaling could promote pathogenesis in inflammatory bowel disease (Taraban et al, 2011). The therapeutic potential of this antagonistic anti-TL1A antibody in countering the DR3-TL1A pathway in the inflammatory joint disease has been confirmed in both of the murine adjuvant-induced arthritis (AIA) and collagen-induced arthritis (CIA) models (Bull et al, 2008). In addition, this antibody has been demonstrated to prevent chronic colitis and attenuate established colitis by down-regulation of both T-helper 1 and T-helper 17 activation (Takedatsu et al, 2008).</p>
<b>Formulation:</b>	PBS with 0.02% Proclin 300.
<b>Concentration:</b>	lot specific
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.



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<b>Stability:</b>	3 years from dispatch.
<b>Gene Name:</b>	tumor necrosis factor (ligand) superfamily, member 15
<b>Database Link:</b>	<a href="#">Entrez Gene 326623 Mouse Q5UBV8</a>
<b>Synonyms:</b>	MGC129934; MGC129935; TL1; TL1A; VEGI; VEGI192A
<b>Note:</b>	This reformatted rat antibody was made using the variable domain sequences of the original Rat IgG format, for improved compatibility with existing reagents, assays and techniques.