



# Anti-TNFSF8 monoclonal antibody, clone RM153 (CABT-47132RM)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

### Product Overview

Rat anti Mouse CD153 antibody, clone RM153 recognizes murine CD153, also known as (CD30 ligand), a 40kDa type II transmembrane protein belonging to the TNF superfamily. In the mouse CD153 is expressed primarily on activated CD4+ve T cells. The interaction of CD153 with its ligand CD30 is reported to enhance the proliferation of anti-CD3/CD28 co-stimulated T-cells. Clone RM153 is reported to block the functional binding of CD153 and can be used to inhibit the binding of murine CD30 to CD153. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.

<b>Specificity</b>	TNFSF8
<b>Immunogen</b>	Mouse CD153/CHO cells
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	RM153
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC; IF
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may

denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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## GENE INFORMATION

Gene Name	<a href="#">Tnfsf8 tumor necrosis factor (ligand) superfamily, member 8 [ Mus musculus (house mouse) ]</a>
Official Symbol	TNFSF8
Synonyms	TNFSF8; tumor necrosis factor (ligand) superfamily, member 8; CD153; Cd30l; CD30LG; tumor necrosis factor ligand superfamily member 8; CD30-L; CD30 ligand;
Entrez Gene ID	<a href="#">21949</a>
Protein Refseq	<a href="#">NP_033429</a>
UniProt ID	P32972
Chromosome Location	4 C1; 4 34.06 cM
Pathway	Cytokine-cytokine receptor interaction;
Function	cytokine activity; tumor necrosis factor receptor binding;