



# Anti-TNFRSF25 Monoclonal antibody, clone KE4 [PE] (CABT-BL8385)

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

## PRODUCT INFORMATION

<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	KE4
<b>Purification</b>	Affinity chromatography
<b>Conjugate</b>	PE
<b>Applications</b>	FC
<b>Format</b>	Liquid
<b>Concentration</b>	5ul/Test
<b>Size</b>	25 tests;100 tests
<b>Buffer</b>	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	4°C, store in dark, DO NOT FREEZE!

## BACKGROUND

### Introduction

DR3/TNFRSF25 is a member of the TNF-receptor superfamily. This receptor is expressed preferentially in the tissues enriched in lymphocytes, and it may play a role in regulating lymphocyte homeostasis. This receptor has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of DR3/TNFRSF25 in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells

encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation.

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**Keywords**

TNFRSF25; tumor necrosis factor receptor superfamily, member 25; TNFRSF12, tumor necrosis factor receptor superfamily, member 12 (translocating chain association membrane protein); tumor necrosis factor receptor superfamily member 25; APO 3; DDR3; DR3; LARD; TR3; TRAMP; WSL 1; WSL LR; protein WSL-1; death receptor beta; apoptosis inducing receptor; apoptosis-inducing receptor AIR; apoptosis-mediating receptor DR3; apoptosis-mediating receptor TRAMP; death domain receptor 3 soluble form; lymphocyte-associated receptor of death; tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein); APO-3; WSL-1; WSL-LR; TNFRSF12;

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## GENE INFORMATION

Entrez Gene ID [8718](#)

UniProt ID [Q93038](#)

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