Datasheet for ABIN7271071

anti-DR3/LARD antibody (AA 240-426)

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Overview

Quantity:	100 µL
Target:	DR3/LARD (TNFRSF25)
Binding Specificity:	AA 240-426
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DR3/LARD antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	TNFRSF25 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 240-426 of human TNFRSF25 (NP_683866.1).
Sequence:	KPLVTADEAG MEALTPPPAT HLSPLDSAHT LLAPPDSSEK ICTVQLVGNS WTPGYPETQE ALCPQVTWSW DQLPSRALGP AAAPTLSPES PAGSPAMMLQ PGPQLYDVMD AVPARRWKEF VRTLGLREAE IEAVEVEIGR FRDQQYEMLK RWRQQQPAGL GAVYAALERM GLDGCVEDLR SRLQRGP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification:	Affinity purification

Target Details

Target:	DR3/LARD (TNFRSF25)
Alternative Name:	TNFRSF25 (TNFRSF25 Products)
Background:	The protein encoded by this gene 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 this gene 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.,TNFRSF25,APO-3,DDR3,DR3,LARD,TNFRSF12,TR3,TRAMP,WSL-1,WSL-LR,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Death Receptor Signaling Pathway,Immunology & Inflammation,NF-kB Signaling Pathway,TNFRSF25
Molecular Weight:	13-29kDa/40-45kDa
Gene ID:	8718
UniProt:	Q93038
Pathways:	Apoptosis

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

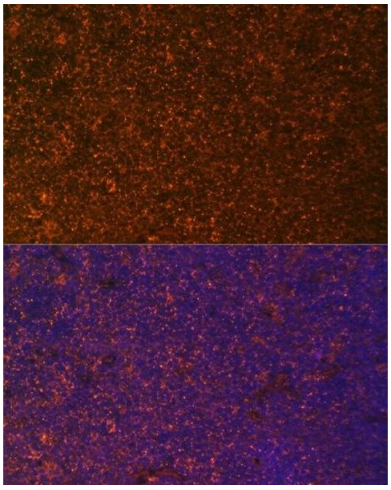
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Handling

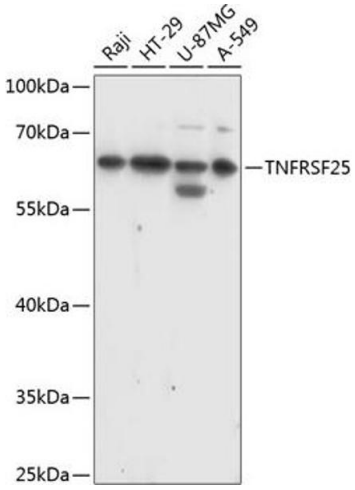
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



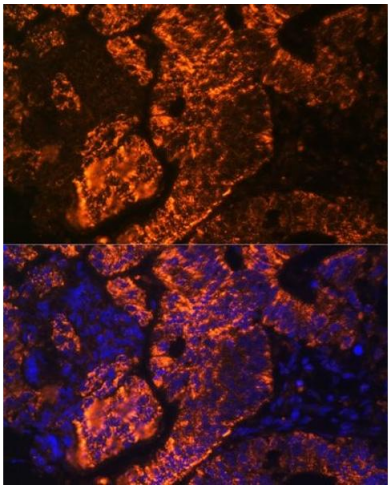
Immunofluorescence

Image 1. Immunofluorescence analysis of rat breast cells using TNFRSF25 antibody (ABIN7271071) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TNFRSF25 antibody (ABIN7271071) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



Immunofluorescence

Image 3. Immunofluorescence analysis of human colon carcinoma cells using TNFRSF25 antibody (ABIN7271071) at dilution of 1:100. Blue: DAPI for nuclear staining.

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