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Datasheet for ABIN2856167
anti-DR3/LARD antibody (Center)

2 Images

Overview

Quantity:	100 µL
Target:	DR3/LARD (TNFRSF25)
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DR3/LARD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DR3. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to DR3 (tumor necrosis factor receptor superfamily, member 25) DR3 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	DR3/LARD (TNFRSF25)
Alternative Name:	DR3 (TNFRSF25 Products)

Target Details

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.

Cellular Localization: Isoform 1: Cell membrane, Single-pass type I membrane protein , Isoform 2: Cell membrane, Single-pass type I membrane protein , Isoform 9: Cell membrane, Single-pass type I membrane protein , Isoform 11: Cell membrane, Single-pass type I membrane protein

Molecular Weight: 45 kDa

Gene ID: 8718

Pathways: [Apoptosis](#)

Application Details

Application Notes: Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*

Comment: Positive Control: Raji , K562

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

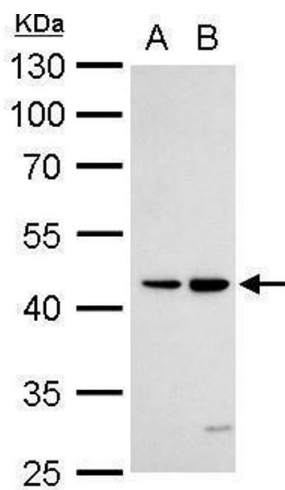
Buffer: 0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Handling

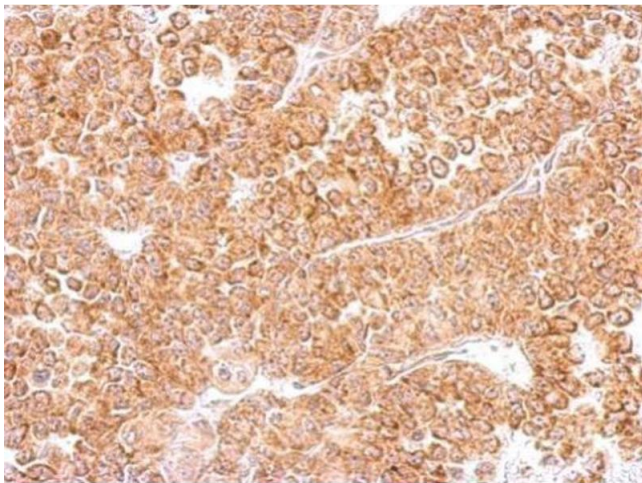
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Image DR3 antibody detects TNFRSF25 protein by Western blot analysis. A. 30 µg Raji whole cell lysate/extract B. 30 µg K562 whole cell lysate/extract 10 % SDS-PAGE DR3 antibody , dilution: 1:1000



Immunohistochemistry

Image 2. IHC-P Image DR3 antibody detects TNFRSF25 protein at cytosol on AGS xenograft by immunohistochemical analysis. Sample: Paraffin-embedded AGS xenograft. DR3 antibody , dilution: 1:500.