Datasheet for ABIN1886840

anti-DR4 antibody (AA 1-20)

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Overview

Quantity:	100 µL
Target:	DR4
Binding Specificity:	AA 1-20
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide corresponding to amino acid 1 to 20 of human DR4 mature protein.
Cross-Reactivity (Details):	DR4 antibody has no cross reaction to DR5.
Purification:	Purified by DEAE column

Target Details

Target:	DR4
Alternative Name:	DR4 (DR4 Products)
Background:	Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms.Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors, TNFR1 and Fas.A novel death domain containing receptor was recently identified and designated DR4

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Target Details

	(for death receptor 4).The ligand for this novel death receptor has been identified and termed TRAIL, which is a new member in the TNF family.DR4 is also called TRAIL receptor-1 (TRAIL-R1).DR4 is expressed in most of human tissues including spleen, peripheral blood leukocytes, small intestine and thymus.Like TNFR1, Fas and DR3, DR4 mediates apoptosis and NF-kappaB activation in many tissues and cells. Synonyms: TRAIL-R1
Molecular Weight:	57 kDa
Pathways:	Apoptosis, Positive Regulation of Endopeptidase Activity

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid freezing and thawing repeatly.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term use.Store at -20 °C for long term preservation.

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