

# Anti-DcR1 antibody ab2087

**6 References**   **3 图像**

### 概述

产品名称	Anti-DcR1 抗体
描述	兔多克隆抗体 to DcR1
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human DcR1 aa 100-200 (extracellular). Database link: <a href="#">O14798</a>

 [Run BLAST with](#)

 [Run BLAST with](#)

**阳性对照** HeLa whole cell lysate.

### 常规说明

Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors. TRAIL/Apo2L is a new member of the TNF family and induces apoptosis of a variety of tumour cell lines. DR4 and DR5 are the recently identified functional receptors for TRAIL (1-3). Two decoy-receptors for TRAIL have been identified and designated DcR1/TRID/TRAIL-R3/LIT and DcR2/TRAIL-R4/TRUNDD. DcR1 has extracellular TRAIL-binding domain but lacks intracellular signaling domain. It is a glycosphospholipid-anchored cell surface protein. DcR1 transcripts were expressed in many normal human tissues but not in most cancer cell lines. Overexpression of DcR1 did not induce apoptosis, but attenuated TRAIL-induced apoptosis.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide
纯度	DEAE-Chromatography
Primary antibody说明	Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors. TRAIL/Apo2L is a new member of the TNF family and induces apoptosis of a variety of tumour cell lines. DR4 and DR5 are the recently identified functional receptors for TRAIL (1-3). Two decoy-receptors for TRAIL have been identified and designated DcR1/TRID/TRAIL-R3/LIT and DcR2/TRAIL-R4/TRUNDD. DcR1 has extracellular TRAIL-binding domain but lacks intracellular signaling domain. It is a glycosphospholipid-anchored cell surface protein. DcR1 transcripts were expressed in many normal human tissues but not in most cancer cell lines. Overexpression of DcR1 did not induce apoptosis, but attenuated TRAIL-induced apoptosis.
克隆	多克隆
同种型	IgG

应用

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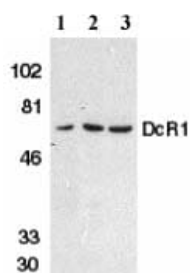
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 10 µg/ml.
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 65 kDa. Can be blocked with DcR1 peptide (human).

靶标

功能	Receptor for the cytotoxic ligand TRAIL. Lacks a cytoplasmic death domain and hence is not capable of inducing apoptosis. May protect cells against TRAIL mediated apoptosis by competing with TRAIL-R1 and R2 for binding to the ligand.
组织特异性	Higher expression in normal tissues than in tumor cell lines. Highly expressed in peripheral blood lymphocytes, spleen, skeletal muscle, placenta, lung and heart.
序列相似性	Contains 3 TNFR-Cys repeats.
翻译后修饰	N-glycosylated and O-glycosylated.
细胞定位	Cell membrane.

图片



Western blot - Anti-DcR1 antibody (ab2087)

**All lanes :** Anti-DcR1 antibody (ab2087) at 1 µg/ml

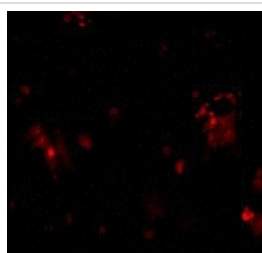
**Lane 1 :** HeLa cell lysate

**Lane 2 :** Mouse liver tissue lysate

**Lane 3 :** Rat liver tissue lysate

**Predicted band size:** 65 kDa

Western blot analysis of DcR1 in HeLa cell (A), mouse (B) and rat (C) liver tissue lysates with anti-DcR1 (ED2) at 1 µg/ml.



Immunocytochemistry/ Immunofluorescence - Anti-DcR1 antibody (ab2087)

ab2087 at 10µg/ml staining DcR1 in rat liver tissue by ICC/IF

Immunocytochemistry/ Immunofluorescence - Anti-DcR1 antibody (ab2087)

Immunofluorescence of DcR1 in Rat Liver cells using ab2087 at 20 µg/ml.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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