

**Product:** Anti-DR4 (NT) (TRAIL-R1)  
**Catalog #:** 12-1167  
**Amount:** 25 mg

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**CATEGORY:**  
**DESCRIPTION:**

**Rabbit Polyclonal**

A novel cell death receptor was recently identified and designated DR4,(for death receptor 4). The ligand for this novel cell 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 peripheral blood leukocytes, small intestine, thymus and spleen. Like TNFR1, Fas and DR3, DR4 mediates apoptosis and NF-κB activation in many tissues and cells.

**FORM:**  
**IMMUNOGEN:**

Purified IgG in PBS containing 0.02% Sodium Azide  
A peptide corresponding to amino acids 1 to 20 of human DR4 mature protein.

**APPLICATION:**  
**REACTIVITY/SPECIES:**  
**RECOMMENDED FOR POSITIVE CONTROL:**

Immunoblotting (min. dilution 1:500)  
Human

**STORAGE:**

whole cell lysate from HeLa cells (57 kDa band should be detected)  
2-8°C for immediate use, or at -20°C (aliquot)

**12-1167P Blocking peptide available**

**REFERENCES:**

Pan, G. et al. (1997) *Science* **276**: 111-113  
Wiley, SR. et al. (1995) *Immunity* **3**: 673-682  
Pitti, RM. et al. (1996) *J Biol Chem.* **271**: 12687-12690  
Schneider, P. et al. (1997) *Immunity* **7**: 831-836

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