



## TRAIL-R1 Antibody [HS101] (preservative free)

CATALOG NUMBER: 36-123

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	FACS, Func, ICC, IP
<b>APPLICATIONS:</b>	Functional Application: Inhibition (blocks TRAIL-R1 mediated killing if applied in solution).
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	Recognizes human TRAIL-R1. Does not cross-react with human TRAIL-R2, -R3 or -R4.
<b>IMMUNOGEN:</b>	Recombinant human TRAIL-R1 (DR4).
<b>HOST SPECIES:</b>	Mouse

### Properties

<b>PURIFICATION:</b>	>95% (SDS-PAGE)
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Liquid. In PBS containing 10% glycerol. Preservative free formulation.
<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	Stable for at least 1 year after receipt when stored at -20°C.
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	IgG1
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	TRAIL Receptor 1; DR4; APO2; TNFRSF10A; CD261
<b>ACCESSION NO.:</b>	AAC51226
<b>PROTEIN GI NO.:</b>	1945072
<b>OFFICIAL SYMBOL:</b>	TNFRSF10A
<b>GENE ID:</b>	8797

### Background

<b>BACKGROUND:</b>	TRAIL-R1 is a receptor for the cytotoxic ligand TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappaB.
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FOR RESEARCH USE ONLY

December 13, 2016