



TRAIL-R1 Antibody [HS101] (biotin)

Cat. No.: 36-124



Ψ Specifications

HOST SPECIES:	Mouse
SPECIES REACTIVITY:	Human
IMMUNOGEN:	Recombinant human TRAIL-R1 (DR4).
TESTED APPLICATIONS:	Flow, Func, ICC, IP
APPLICATIONS:	Functional Application: Inhibition (blocks TRAIL-R1 mediated killing if applied in solution).
SPECIFICITY:	Recognizes human TRAIL-R1. Does not cross-react with human TRAIL-R2, -R3 or -R4.

Ψ Properties

PURIFICATION:	>95% (SDS-PAGE)
CLONALITY:	Monoclonal
ISOTYPE:	IgG1
CONJUGATE:	Biotin
PHYSICAL STATE:	Liquid
BUFFER:	Liquid. In PBS containing 0.02% sodium azide.
CONCENTRATION:	0.5 mg/ml

STORAGE CONDITIONS:	Stable for at least 1 year after receipt when stored at -20 °C.
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Additional Info

OFFICIAL SYMBOL:	TNFRSF10A
ALTERNATE NAMES:	TRAIL Receptor 1; DR4; APO2; TNFRSF10A; CD261
ACCESSION NO.:	1945072
PROTEIN GI NO.:	AAC51226
GENE ID:	8797
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Background and References

BACKGROUND:	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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