PERFORMANCE DATA SHEET
2142

Human DR3-muIg/Biotin*

For maximal recovery of contents please quick spin vial before opening

CATALOG#: 528-030
QUANTITY: 25 μg **CONCENTRATION: 0.4 mg/ml**

Molecular Structure: A soluble dimeric fusion protein consisting of the extracellular (150aa) domain of human DR3 fused to murine IgG2a Fc (233aa). Predicted non glycosylated monomeric molecular weight is 42.9 kd.
N-teminal sequence: (27) GTRSP

Transfectant Cell Line: CHO

INFORMATION: Human DR3 (TRAMP, LARD) was redesignated TNF receptor superfamily member 25. TL1A is a ligand which can induce apoptosis through a cytoplasmic death domain similar to the CD178-CD95 (FasL-Fas) interaction. Alternatively, engagement of DR3 on T cells can synergize with other activating signals to enhance IFNγ production. Recombinant DR3-muIg binds recombinant TL1A in EIA.
REFERENCES: (1) A Kaptein, et al. (2000) FEBS Lett 485:135. (2) T Migone, et al. (2002) Immunity 16:479. (3) S Targin, et al. (2004) 172: 7002.

STORAGE CONDITIONS: ***Store at 2 - 5^{o}C***. Freeze/Thawing is not recommended.

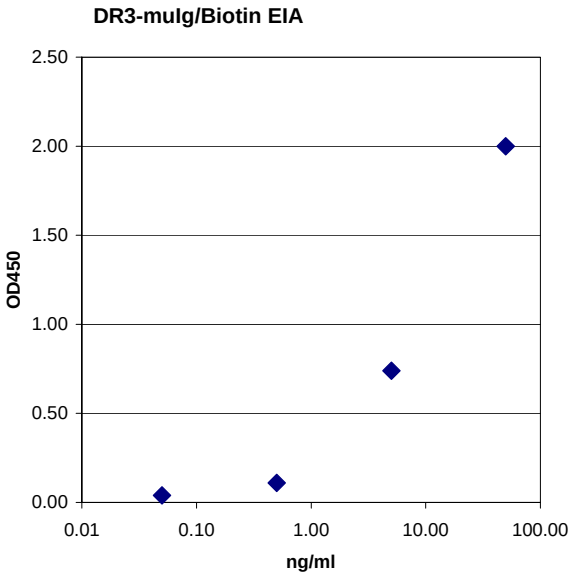
PRODUCT STABILITY: Product should retain activity for at least 6 months after shipping date when stored as recommended. Ship Date:_____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN_3 (as a preservative).

PRODUCTION: Fusion protein from (low FBS containing) tissue culture supernatant of transfectants was purified using affinity and size exclusion chromatography), and reacted with NHS-Biotin. Unconjugated Biotin was removed from conjugate by desalting column.

PERFORMANCE: Identity of DR3-muIg was confirmed by n-terminal sequencing: (27)GTRSP.

DR3-muIg/Biotin was detectable at **5 ng/ml** in EIA using anti-DR3 antibody (Catalog #250-020) coated plate to capture, and Streptavidin/HRP as a detection reagent.



This Product is intended for Laboratory Research use only.

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