

PERFORMANCE DATA SHEET

1817

Monoclonal anti-human DR3*

mAb name/Clone: ANC2D12

Isotype: Mouse IgG1κ

Immunogen: Recombinant DR3

CATALOG#: 250-020

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Human DR3 (TRAMP, LARD) was designated 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. Clone ANC2D12 binds specifically to recombinant DR3 in EIA, but does not inhibit DR3 binding to TL1A.

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°C.* Freeze/Thawing is not recommended.

PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

PRODUCTION: Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE with less than 1% Bovine Immunoglobulin.

PERFORMANCE: Plate bound ANC2D12 (200ng/well) was tested for its ability to capture recombinant DR3-muIg/Biotin (catalog #528-030) in EIA using SA/HRP as a second step detector. Biotinylated recombinant DR3 was detectable at **0.5ng/ml**.

**This Product is intended for Laboratory Research use only.*

