

**PERFORMANCE DATA SHEET**

1817

**Monoclonal anti-human DR3\***

**mAb name/Clone:** ANC2D12

**Isotype:** Mouse IgG1κ

**Immunogen:** Recombinant DR3

**CATALOG#:** 250-820 Preservative-free

**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. *Open under aseptic conditions.*

**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.

**PRODUCTION:** Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin. Product was 0.2µ sterile filtered and vialled under aseptic conditions.

**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.*

