PERFORMANCE DATA SHEET
1819

For maximal recovery of contents please quick spin vial before opening

Human CD80-muIg/Biotin *Fusion Protein**

CATALOG#: 510-030
QUANTITY: 25 μg **CONCENTRATION: 0.5 mg/ml**

Information: Human CD80 (B7-1) is a costimulatory ligand for CD28 and CTLA-4(1). CD80 is expressed on activated B cells (2).

Molecular Structure: A soluble fusion protein consisting of the extracellular (173aa) domain of human CD80 fused to murine IgG2a Fc (232 aa).

Transfectant Cell Line: CHO

Immunochemistry Applications: Blocking Antibody or recombinant protein binding to CD80. Component for ELISA use.
References: **1.** C.B. Thompson, (1995) Cell 81: 979-982. **2.** Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 682-684.

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

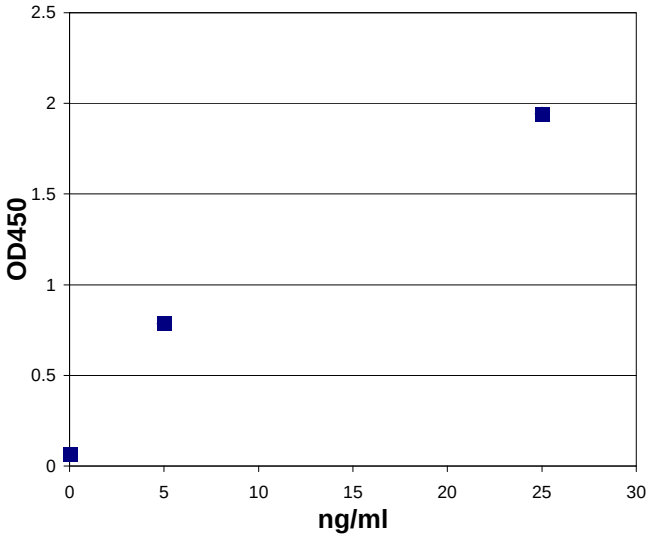
PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date:_____

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

PRODUCTION: Human CD80-muIg fusion protein was Protein A purified from (low FBS containing) tissue culture supernatant of CHO transfectants, and reacted with NHS-Biotin. Unconjugated Biotin was removed from conjugate by desalting column.

PERFORMANCE: CD80-muIg/Biotin was reactive at 1 ng/ml in an Enzyme Immuno-assay utilizing a CD152-muIg coated plate for capture, and Streptavidin/HRP as a detector.

CD80-muIg/Biotin +SA/HRP detects captured CD152-muIg in EIA



This Product is intended for Laboratory Research use only.

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