PERFORMANCE DATA SHEET
1819

Human CD80-muIg *Fusion Protein**

For maximal recovery of contents please quick spin vial before opening

CATALOG#: 510-820 (Preservative-free)
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 dimeric fusion protein consisting of the extracellular (173aa) domain of human CD80 fused to murine IgG2a Fc + hinge (232 aa). Predicted monomeric molecular weight : 51.3 kd.

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.*** **Open under aseptic conditions.** Freeze/Thawing is not recommended.

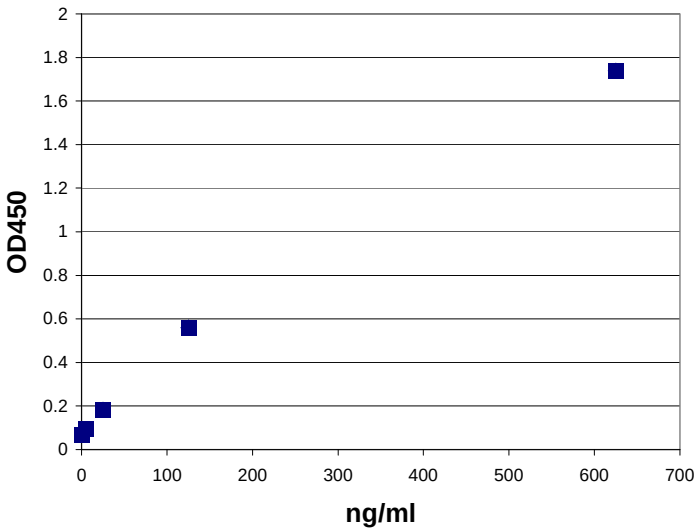
PRODUCT STABILITY: Product should retain activity for at least 6 months after shipping date when stored as recommended. Ship Date:_____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl. Product was sterile filtered and vialed under aseptic conditions.

PRODUCTION: Human CD80-muIg fusion protein was purified from (low FBS containing) tissue culture supernatant of CHO transfectants.

PERFORMANCE: CD80-muIg was reactive in an Enzyme Immuno-assay utilizing a Goat anti-Mouse Ig coated plate for capture, and CD152-muIg/Biotin recombinant protein (Catalog #501-030) or anti-CD80/Biotinylated antibody (Catalog #110-030) for detection, followed by Streptavidin/HRP and TMB/H_2O_2 substrate chromagen.

CD152-muIg/Biotin detects captured CD80-muIg in EIA



This Product is intended for Laboratory Research use only.

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