CD126/IL-6R alpha Recombinant antibody, PBS Only (Capture)

Catalog Number:83688-3-PBS

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Basic Information

Catalog Number: 83688-3-PBS	GenBank Accession Number: BC132684	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 3570	CloneNo.: 240734A8
Source: Rabbit	UNIPROT ID: P08887	
Isotype: IgG	Full Name: interleukin 6 receptor	
	Calculated MW: 468 aa, 52 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

Four parameter Logistic (4-PL) Curve Fit
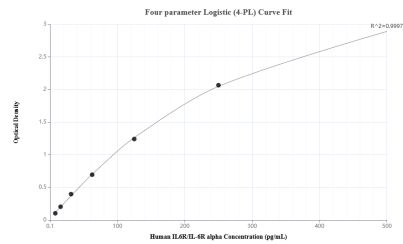
Sandwich ELISA standard curve of MP00676-1, Human IL6R/IL-6R alpha Recombinant Matched Antibody Pair - PBS only. 83688-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0490. 83688-2-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL
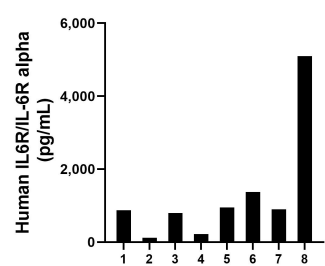

Urine of eight humans was measured. The human IL6R/IL-6R alpha concentration of these samples was determined to be 1,291.5 pg/mL, with a range of 119.4 - 5,099.9 pg/mL.
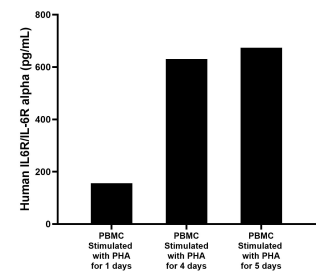
Human peripheral blood mononuclear cells (PBMC) (1 x 10^6 cells/mL) were cultured in DMEM supplemented with 8% fetal bonive serum, 5 μ M β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. Cells were cultured unstimulated or stimulated with 10 μ g/mL PHA for 1day, 4 days and 5 days. Aliquots of the cell culture supernates were removed and assayed for levels of human IL6.
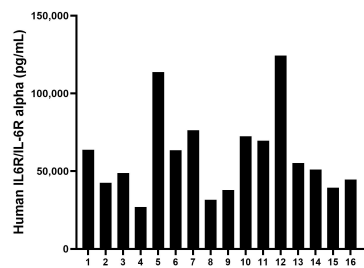
Serum of sixteen humans was measured. The human IL6R/IL-6R alpha concentration of these samples was determined to be 60,089 pg/mL, with a range of 37,850.6 - 124,335.2 pg/mL.

Four parameter Logistic (4-PL) Curve Fit
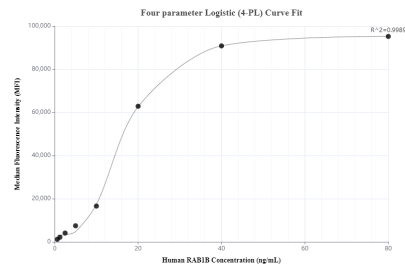
Cytometric bead array standard curve of MP00676-1, CD126/IL-6R alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83688-3-PBS. Detection antibody: 83688-2-PBS. Standard: Eg0490. Range: 0.625-80 ng/mL.