For Research Use Only

CD58 Recombinant antibody, PBS Only (Capture)

Catalog Number:85950-3-PBS

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Basic Information

Catalog Number:
85950-3-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG4236

GenBank Accession Number:
BC005930

GeneID (NCBI):
965

UNIPROT ID:
P19256

Full Name:
CD58 molecule

Calculated MW:
28 kDa

Purification Method:
Protein A purification

CloneNo.:
250250D9

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

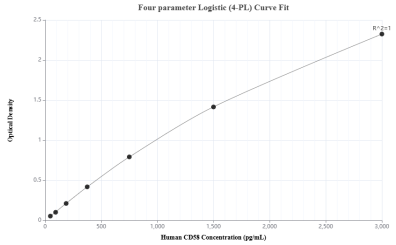
Background Information

Storage

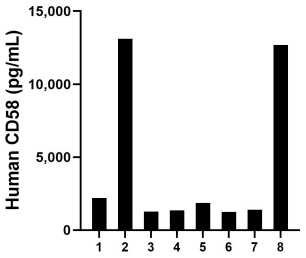
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

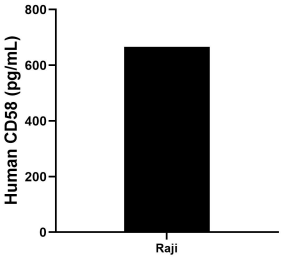
Selected Validation Data



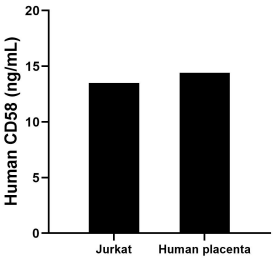
Sandwich ELISA standard curve of MP02208-2, Human CD58 Recombinant Matched Antibody Pair - PBS only. 85950-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4236. 85950-2-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL



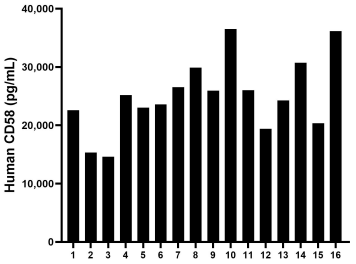
Urine of eight individual healthy human donors was measured. The human CD58 concentration of detected samples was determined to be 4,388.9 pg/mL with a range of 1,243.7 - 13,113.2 pg/mL.



Raji human Burkitt's lymphoma cells (5 x 10^6 cells/mL) were cultured in RPMI supplemented with 10% fetal bovine serum, 2 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human CD58, and measured 666.0 pg/mL.



The mean CD58 concentration was determined to be 13.50 ng/mL in Jurkat cell extract based on a 2.2 mg/mL extract load and 14.40 ng/mL in human placenta tissue extract based on a 1.7 mg/mL extract load.



Serum of sixteen individual healthy human donors was measured. The human CD58 concentration of detected samples was determined to be 25,010.4 pg/mL with a range of 14,622.8 - 36,503.5 pg/mL.