For Research Use Only

DDR1 Recombinant antibody, PBS Only (Capture)

Catalog Number:84438-5-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
84438-5-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_001297654.2

GeneID (NCBI):
780

UNIPROT ID:
Q08345-1

Full Name:
discoidin domain receptor tyrosine kinase 1

Calculated MW:
101kDa

Purification Method:
Protein A purification

CloneNo.:
241796C2

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

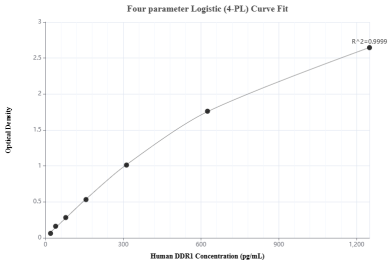
Species Specificity:
human

Background Information

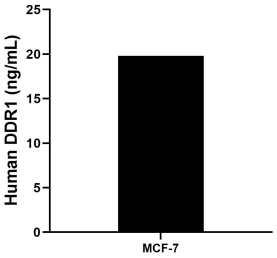
Storage

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

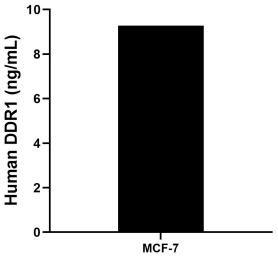
Selected Validation Data



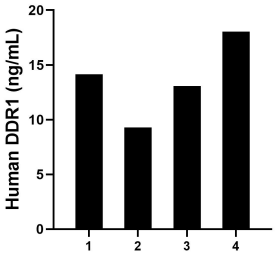
Sandwich ELISA standard curve of MP01290-4, Humam DDR1 Recombinant Matched Antibody Pair - PBS only. 84438-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1675. 84438-3-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



MCF-7 human breast cancer cells (5 x 10^6 cells/mL) were cultured in DMEM supplemented with 10% fetal bovine serum, 4 mM L-glutamine, 4500mg/L glucose, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human DDR1, and measured 19.81 ng/mL



The mean DDR1 concentration was determined to be 9.28 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.



Serum of four individual healthy human donors was measured. The human DDR1 concentration of detected samples was determined to be 13.63 ng/mL with a range of 9.29 - 18.03 ng/mL.