For Research Use Only

CA2 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:84954-1-PBS

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

Basic Information

Catalog Number:
84954-1-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10680

GenBank Accession Number:
BC011949

GeneID (NCBI):
760

UNIPROT ID:
P00918

Full Name:
carbonic anhydrase II

Calculated MW:
260 aa, 29 kDa

Purification Method:
Protein A purification

CloneNo.:
242559A2

Applications

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

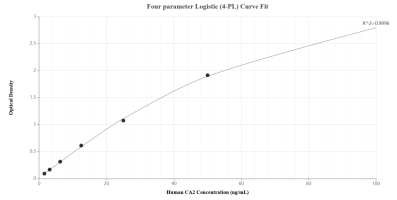
Species Specificity:
human

Background Information

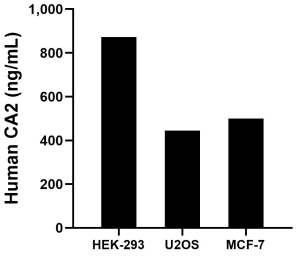
Storage

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

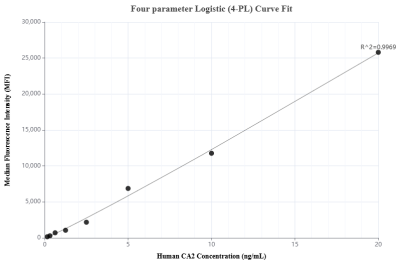
Selected Validation Data



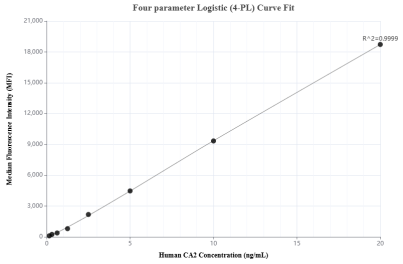
Sandwich ELISA standard curve of MP01702-2, Human CA2 Recombinant Matched Antibody Pair - PBS only. 84954-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag10680. 84954-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



The mean CA2 concentration was determined to be 872.48 ng/mL in HEK-293 cell extract based on a 2.70 mg/mL extract load, 444.36 ng/mL in U2OS cell extract based on a 3.10 mg/mL extract load and 499.13 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load.



Cytometric bead array standard curve of MP01702-1, CA2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84954-3-PBS. Detection antibody: 84954-1-PBS. Standard: Ag10680. Range: 0.156-20 ng/mL.



Cytometric bead array standard curve of MP01702-2, CA2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84954-1-PBS. Detection antibody: 84954-2-PBS. Standard: Ag10680. Range: 0.156-20 ng/mL.