

For Research Use Only

Carbonic Anhydrase IX/CA9 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84233-5-PBS



Basic Information

Catalog Number: 84233-5-PBS	GenBank Accession Number: BC014950	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 768	CloneNo.: 241573G11
Source: Rabbit	UNIPROT ID: Q16790	
Isotype: IgG	Full Name: carbonic anhydrase IX	
Immunogen Catalog Number: AG36941	Calculated MW: 459 aa, 50 kDa	

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

For technical support and original validation data for this product please contact:

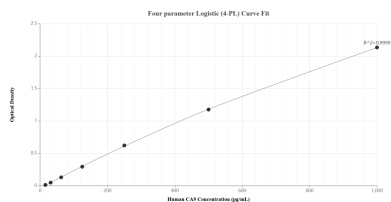
T: 4006900926

E: Proteintech-CN@ptglab.com

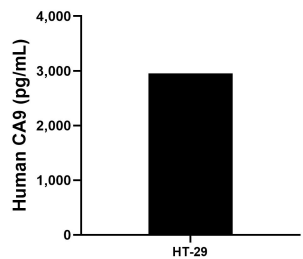
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

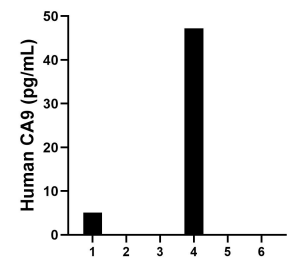
Selected Validation Data



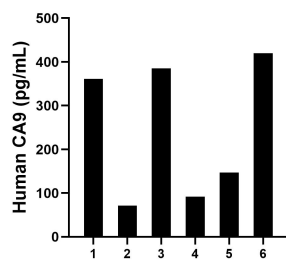
Sandwich ELISA standard curve of MP01136-1, Human CA9 Recombinant Matched Antibody Pair - PBS only. 84233-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag36941. 84233-5-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL.



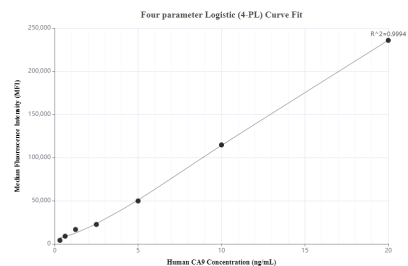
HT-29 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human CA9, and measured 2,951.1 pg/mL.



Urine of six individual healthy human donors was measured. Five measured less than the lowest human CA9 standard, 15.6 pg/mL. One sample read 47.2 pg/mL.



Serum of six individual healthy human donors was measured. The CA9 concentration of detected samples was determined to be 246.1 pg/mL with a range of 71.5-420.1 pg/mL.



Cytometric bead array standard curve of MP01136-1, CA9 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84233-3-PBS. Detection antibody: 84233-5-PBS. Standard: Ag36941. Range: 0.313-20 ng/mL.