

For Research Use Only

CA11 Recombinant antibody, PBS Only



Catalog Number:83082-4-PBS

Basic Information

Catalog Number: 83082-4-PBS	GenBank Accession Number: BC002662	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 770	CloneNo.: 230390F7
Source: Rabbit	UNIPROT ID: O75493	
Isotype: IgG	Full Name: carbonic anhydrase XI	
Immunogen Catalog Number: AG33373	Calculated MW: 36 kDa	

Applications

Tested Applications:
IF, Indirect ELISA

Species Specificity:
Human

Background Information

CA11(Carbonic anhydrase-related protein 11) is also named CARP2, and CARP XI and belongs to the alpha-carbonic anhydrase family. CARP XI is observed in the cerebellum, cerebrum, liver, stomach, small intestine, colon, kidney, and testis by immunohistochemical, and in the cerebellum, the most prominent signal is located in the Purkinje cells(PMID:20356370). CARP XI contains a hydrophobic N-terminal region for a possible signal sequence and asparagine glycosylation site and it plays a general role in the human central nervous system(PMID: 10350627).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

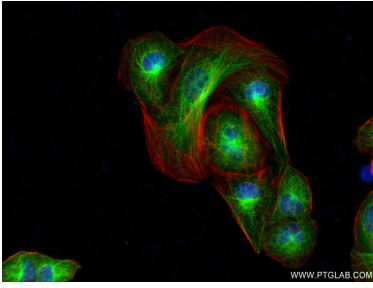
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CA11 antibody (83082-4-RR, Clone: 230390F7) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83082-4-PBS in a different storage buffer formulation.