

For Research Use Only

Carbonic Anhydrase 6/CA6 Monoclonal antibody

Catalog Number: 66909-1-Ig



Basic Information

Catalog Number: 66909-1-Ig	GenBank Accession Number: BC034350	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 765	CloneNo.: 1C8C7
Source: Mouse	UNIPROT ID: P23280	Recommended Dilutions: WB 1:1000-1:5000
Isotype: IgM	Full Name: carbonic anhydrase VI	
Immunogen Catalog Number: AG24274	Calculated MW: 35 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human saliva tissue,
Species Specificity: human	

Background Information

CA6 (Carbonic anhydrase VI) is a member of CA family proteins that play a central role in pH regulation and electrolyte balance. CA6 is also known as gustin, is a zinc-containing secreted protein which catalyzes the hydration of carbon dioxide in saliva. CA6 is specifically expressed in the salivary gland of a number of mammalian species (PMID:28423504). The amino acid sequences are highly conserved across the species. And it was reported that decreasing of CA6 protein was associated with loss of taste and pathological morphology of taste buds (PMID: 9784398).

Storage

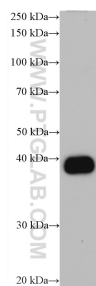
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 66909-1-Ig (CA6 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.