

For Research Use Only

S100P Recombinant monoclonal antibody

Catalog Number: 88256-7-RR



Basic Information

Catalog Number: 88256-7-RR	GenBank Accession Number: BC006819	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6286	CloneNo.: 260786F1
Source: Rabbit	UNIPROT ID: P25815	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: S100 calcium binding protein P	
Immunogen Catalog Number: AG2379	Calculated MW: 95 aa, 11 kDa	
	Observed MW: 11 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : BxPC-3 cells, HT-29 cells, COLO 205 cells, HuH-7 cells
Species Specificity: human	

Background Information

S100P protein is a relatively small (95 amino acid) isoform of the S100 protein family that was first isolated from human placenta. Overexpression of S100P has been detected in several cancers such as breast, colon, prostate, pancreatic and lung carcinomas, and the protein has been functionally implicated in carcinogenic processes. S100P protein is widely expressed in both normal and neoplastic tissues. It clearly shows ectopic expression in some cancers. Based on the high expression in certain tumors, S100P could represent a potential target for novel diagnostic and therapeutic applications.

Storage

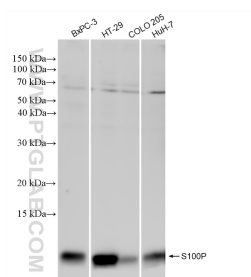
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88256-7-RR (S100P antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.