

For Research Use Only

S100A8 Recombinant antibody

Catalog Number: 82531-3-RR



Basic Information

Catalog Number: 82531-3-RR	GenBank Accession Number: BC005928	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6279	CloneNo.: 242970G12
Source: Rabbit	UNIPROT ID: P05109	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: S100 calcium binding protein A8	
Immunogen Catalog Number: EG3752	Calculated MW: 93 aa, 11 kDa	
	Observed MW: 11 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, MCF-7 cells, SK-BR-3 cells
Species Specificity: human	

Background Information

S100A8 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and as a cytokine.

Storage

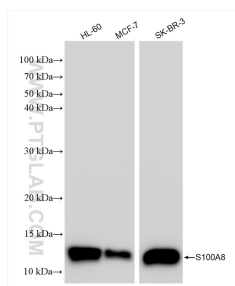
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82531-3-RR (S100A8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.