

For Research Use Only

PRAME Monoclonal antibody

Catalog Number: 68097-1-Ig **Featured Product**



Basic Information

Catalog Number: 68097-1-Ig	GenBank Accession Number: BC014074	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23532	CloneNo.: 1E9G9
Source: Mouse	Full Name: preferentially expressed antigen in melanoma	Recommended Dilutions: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG2b	Calculated MW: 509 aa, 58 kDa	
Immunogen Catalog Number: AG1906	Observed MW: 50 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : A549 cells, HeLa cells, A375 cells, mouse testis tissue, K-562 cells, U2OS cells
	IF : HaCaT cells,

Background Information

The PRAME (preferentially expressed antigen of melanoma) gene was previously shown to be overexpressed in ovarian/primary peritoneal serous carcinoma compared with malignant mesothelioma using gene expression arrays. It is considered a melanocyte differentiation antigen which is overexpressed in both solid and hematologic tumors. In normal tissue, a very low level of PRAME expression is found in normal testis, adrenals, ovary and endometrium. A high level of PRAME expression has been reported for several solid tumors, including ovarian cancer, breast cancer, lung cancer and melanomas, medulloblastoma, sarcomas, head and neck cancers, neuroblastoma, renal cancer, and Wilms' tumor. As a nuclear transcriptional repressor protein, PRAME binds to retinoic acid receptor α , thereby inhibiting retinoic acid induced differentiation, growth arrest, and apoptosis.

Storage

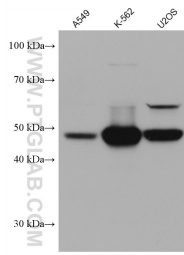
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

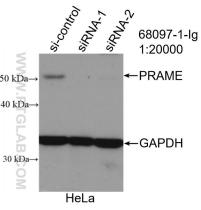
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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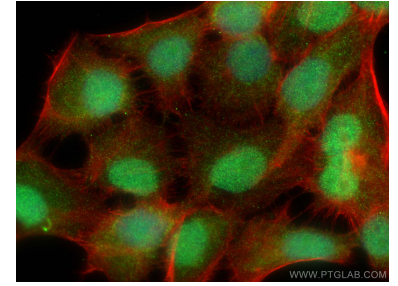
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68097-1-Ig (PRAME antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of PRAME antibody (68097-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PRAME transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed HaCaT cells using PRAME antibody (68097-1-Ig, Clone: 1E9G9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).