

For Research Use Only

CoraLite® Plus 488-conjugated PRAME Monoclonal antibody



Catalog Number: CL488-68097

Featured Product

Basic Information

Catalog Number:

CL488-68097

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG1906

GenBank Accession Number:

BC014074

GeneID (NCBI):

23532

UNIPROT ID:

P78395

Full Name:

preferentially expressed antigen in melanoma

Calculated MW:

509 aa, 58 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

1E9G9

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat

Positive Controls:

IF/ICC : 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

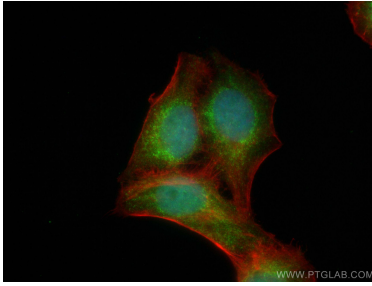
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HaCaT cells using CoraLite® Plus 488 PRAE antibody (CL488-68097, Clone: 1E9G9) at dilution of 1:100, CL594-phalloidin (red).