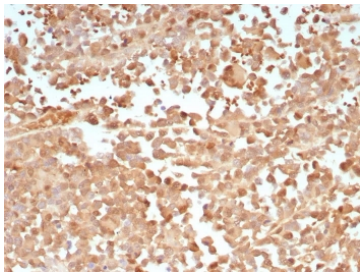
PRAME Antibody / OIP-4 [clone PRAME/9188] (V5571)

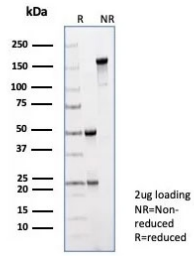
Catalog No.	Formulation	Size
V5571-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5571-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5571SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

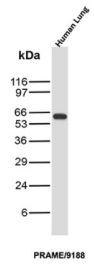
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	PRAME/9188
Purity	Protein A/G affinity
UniProt	P78395
Localization	Nucleus, Cytoplasm, Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This PRAME antibody is available for research use only.



PRAME Antibody Melanoma IHC. Immunohistochemistry analysis of FFPE human melanoma tissue stained with PRAME antibody clone PRAME/9188. Tumor cells demonstrate diffuse nuclear and cytoplasmic HRP-DAB brown staining consistent with expression of Preferentially expressed antigen in melanoma / PRAME, a cancer-testis antigen involved in transcriptional regulation and tumor-associated immune signaling pathways. HIER: Tris/EDTA, pH 9.0, 45 min. Incubation with HRP-polymer secondary reagent for 30 min followed by DAB development for 5 min.



SDS-PAGE analysis of purified, BSA-free PRAME antibody (clone PRAME/9188) as confirmation of integrity and purity.



PRAME Antibody Human Lung WB. Western blot analysis of human lung tissue lysate using PRAME antibody clone PRAME/9188. A distinct band is detected at approximately 58-60 kDa, consistent with the expected molecular weight of Preferentially expressed antigen in melanoma / PRAME, a cancer-testis antigen involved in transcriptional regulation and tumor-associated immune signaling pathways.

Description

PRAME Antibody specifically detects Preferentially expressed antigen of melanoma, a protein that functions as a transcriptional repressor, inhibiting the signaling of retinoic acid through the retinoic acid receptors RARA, RARB and RARG. Prevents retinoic acid-induced cell proliferation arrest, differentiation and apoptosis. This gene encodes an antigen that is preferentially expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. The encoded protein acts as a repressor of retinoic acid receptor, and likely confers a growth advantage to cancer cells via this function. Alternative splicing results in multiple transcript variants.

Researchers studying melanoma-associated antigens, cancer-testis antigen biology, and tumor-associated immune signaling pathways may also be interested in our PRAME Antibody / Tumor Immunology Marker page featuring validated immunohistochemistry and western blot applications for PRAME-associated cancer research.

Application Notes

Optimal dilution of the PRAME antibody should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 100-250) of human PRAME protein was used as the immunogen for the PRAME antibody.

Storage

Aliquot the PRAME antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com