

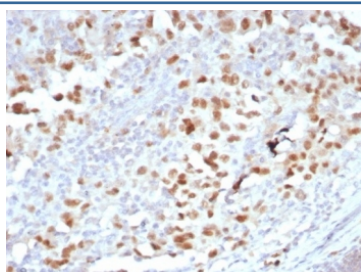
## OIP-4 Antibody / PRAME [clone PRAME/6928R] (V4852)

Catalog No.	Formulation	Size
V4852-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4852-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4852SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

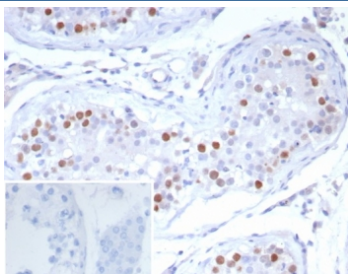
Recombinant **RABBIT MONOCLONAL**

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	PRAME/6928R
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P78395
<b>Localization</b>	Nucleus, Cytoplasm, Cell membrane
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This OIP-4 antibody is available for research use only.



IHC staining of FFPE human melanoma tissue with OIP-4 antibody (clone PRAME/6928R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human testis tissue with OIP-4 antibody (clone PRAME/6928R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## Description

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.

## Application Notes

Optimal dilution of the OIP-4 antibody should be determined by the researcher.

## Immunogen

A recombinant partial protein sequence (within amino acids 100-509) from the human protein was used as the immunogen for the OIP-4 antibody.

## Storage

Aliquot the OIP-4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.