

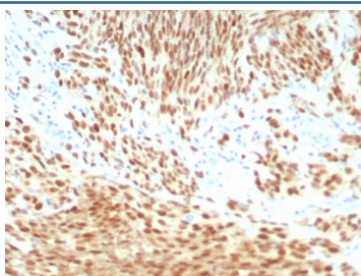
PRAME Antibody / OIP-4 [clone PRAME/8558R] (V4851)

| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V4851-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4851-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4851SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Recombinant **RABBIT MONOCLONAL**

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| | |
|--------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Rabbit |
| Clonality | Recombinant Rabbit Monoclonal |
| Isotype | Rabbit IgG, kappa |
| Clone Name | PRAME/8558R |
| Purity | Protein A/G affinity |
| UniProt | P78395 |
| Localization | Nucleus, Cytoplasm, Cell membrane |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| Limitations | This PRAME antibody is available for research use only. |



IHC staining of FFPE human melanoma tissue with PRAME antibody (clone PRAME/8558R). 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 PRAME 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 PRAME antibody.

Storage

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