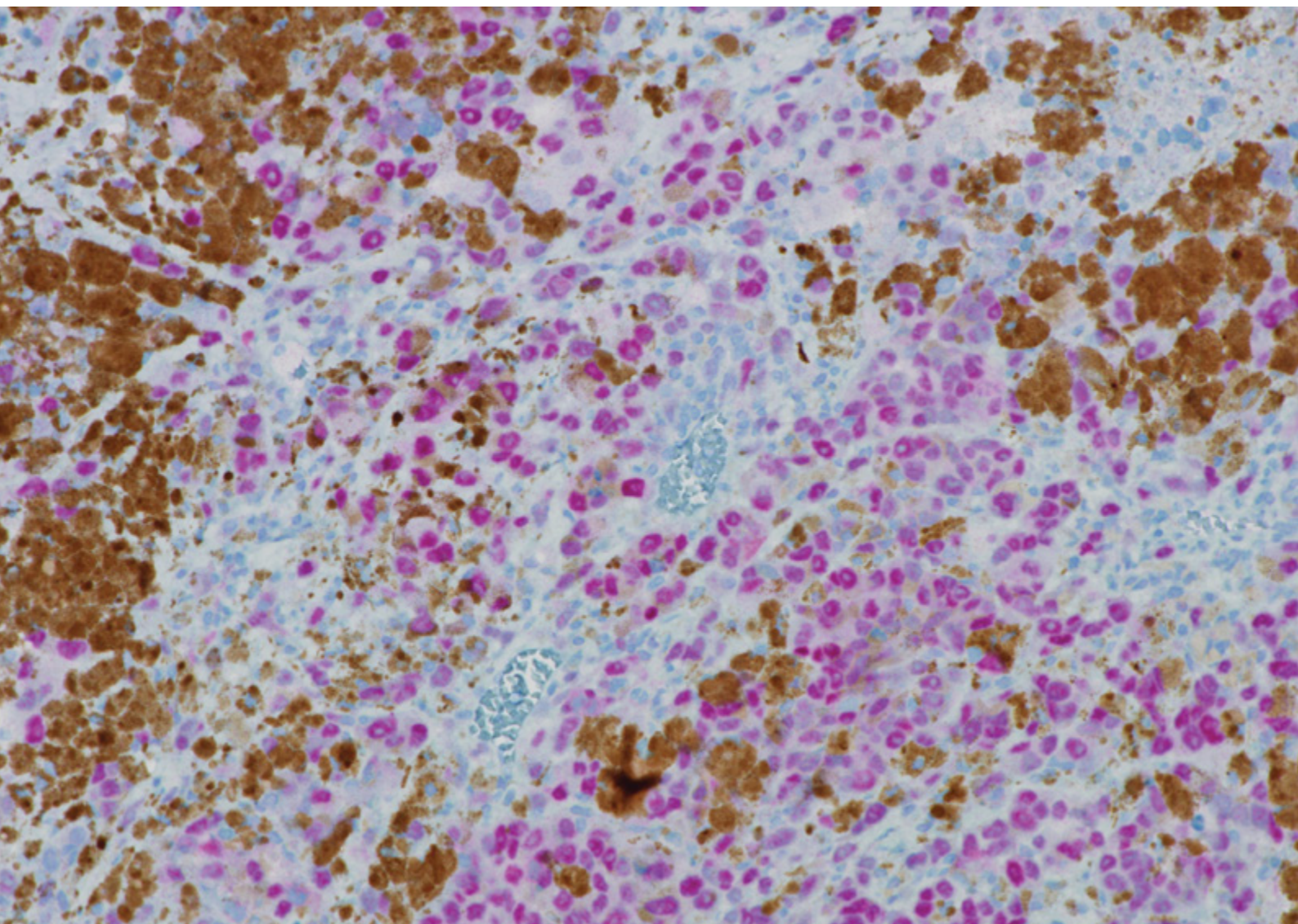


Anti-PRAME (EPR20330)

Rabbit Monoclonal Primary Antibody

Anti-PRAME (EPR20330) is a ready-to-use IHC antibody that enables you to evaluate the expression of PRAME protein with clinical confidence



Anti-PRAME (EPR20330) Rabbit Monoclonal Primary Antibody

PRAME (PReferentially expressed Antigen in MElanoma) is a tumor-associated antigen that was first characterized by analysis of the specificity of tumor-reactive T-cell clones derived from a patient with metastatic cutaneous melanoma.¹

The PRAME tumor biomarker is expressed in most cutaneous and ocular melanomas as well as various other malignant neoplasms.² PRAME is typically not expressed in normal human tissues, with the exception of testes, though limited expression in ovary, placenta, adrenal gland, and endometrium has been observed.^{1,2,3}

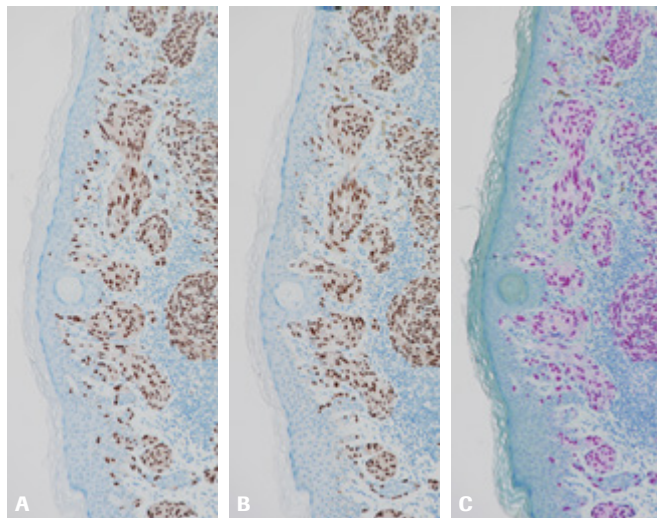
PRAME expression in formalin-fixed paraffin-embedded tissue is detected by immunohistochemistry and frequently demonstrates a diffuse nuclear immunostaining pattern in *in situ* and invasive melanoma. In contrast, the majority of benign melanocytic nevi lack nuclear PRAME staining.⁴

Studies suggest that detection of PRAME expression by immunohistochemistry (IHC) may complement findings from routinely used H&E and other IHC panels and aid in:

- Differential diagnosis of benign versus malignant melanocytic lesions^{2,4}
- Evaluation of tumor margins in melanoma specimens^{2,4}
- Evaluation of sentinel lymph nodes in melanoma cases⁵

Intended use:

Anti-PRAME (EPR20330) Rabbit Monoclonal Primary Antibody (anti-PRAME (EPR20330) antibody) is intended for laboratory use in the qualitative immunohistochemical detection of PRAME by light microscopy in sections of formalin-fixed, paraffin-embedded tissue stained on a BenchMark IHC/ISH instrument. This product should be interpreted by a qualified pathologist in conjunction with histological examination, relevant clinical information, and proper controls. This antibody is intended for in vitro diagnostic (IVD) use.



Melanoma stained positive with the Anti-PRAME (EPR20330) assay using OptiView DAB IHC Detection (Panel A), *ultraView* Universal DAB Detection (Panel B) and *ultraView* Universal Alkaline Phosphatase Red Detection (Panel C)

Ordering Information

Product name	Catalog number	Ordering code	Tests
Anti-PRAME (EPR20330) Rabbit Monoclonal Primary Antibody	790-7149	09592237001	50 tests
Anti-PRAME (EPR20330) Rabbit Monoclonal Primary Antibody	790-7150	09592245001	250 tests

References

1. Ikeda, H. et al. Characterization of an antigen that is recognized on a melanoma showing partial HLA loss by CTL expressing an NK inhibitory receptor. *Immunity* 1997;6:199–208.
2. Lezcano, C. et al. PRAME expression in melanocytic tumors. *Am J Surg Pathol* 2018;42(11):1456–1465.
3. Xu, Y. et al. The Role of the Cancer Testis Antigen PRAME in Tumorigenesis and Immunotherapy in Human Cancer. *Cell Prolif* 2020;53(3).
4. Lezcano, C. et al. PRAME immunohistochemistry as an ancillary test for the assessment of melanocytic lesions. *Surg Pathol Clin* 2021 Jun;14(2):165–175
5. Lezcano, C. et al. Immunohistochemistry for PRAME in the distinction of nodal nevi from metastatic melanoma. *Am J Surg Pathol* 2020;44(4):503–508.

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