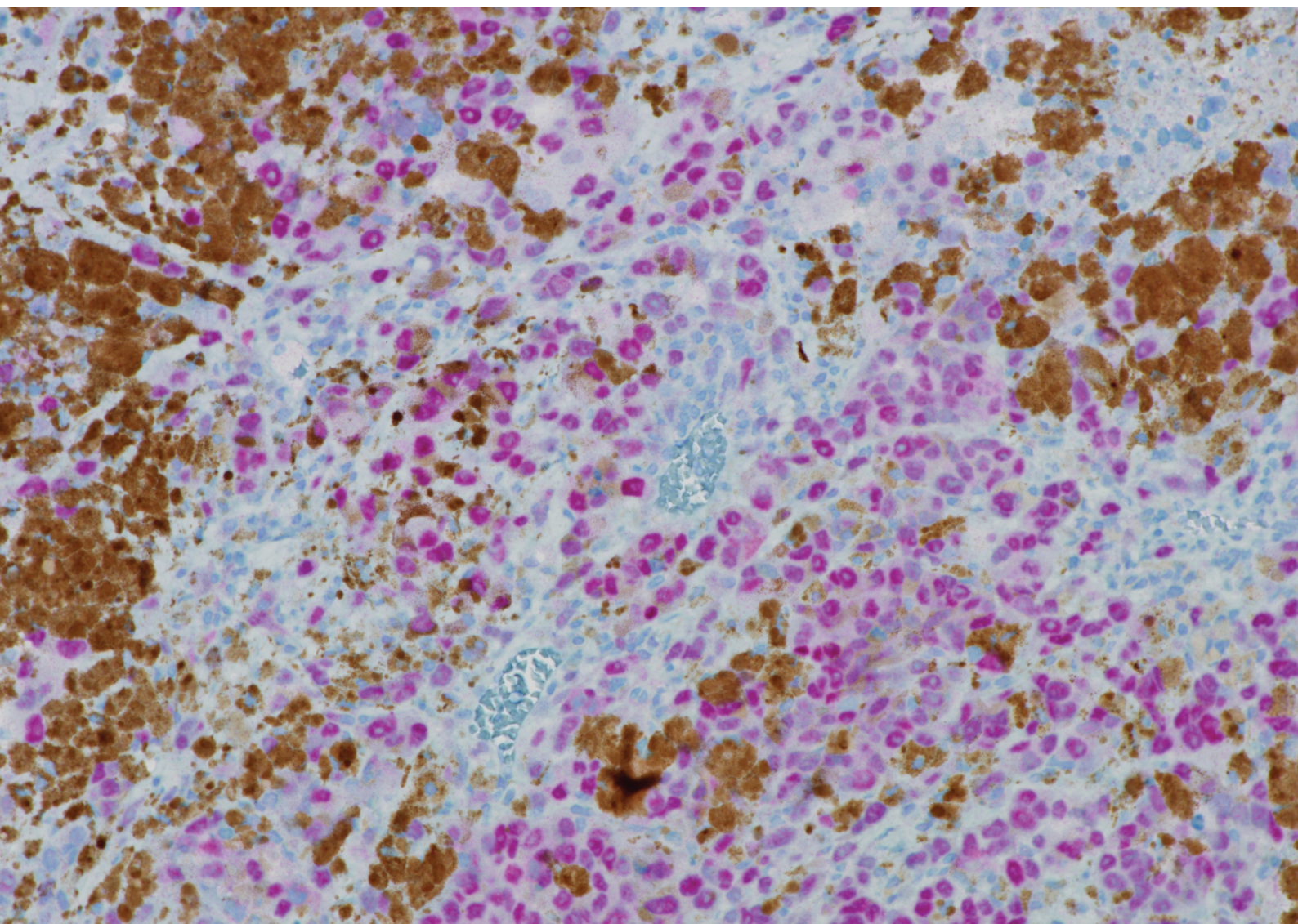


Anti-PRAME (EPR20330)

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 tumour-associated antigen that was first characterised by analysis of the specificity of tumour-reactive T-cell clones derived from a patient with metastatic cutaneous melanoma.¹

The PRAME tumour 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}

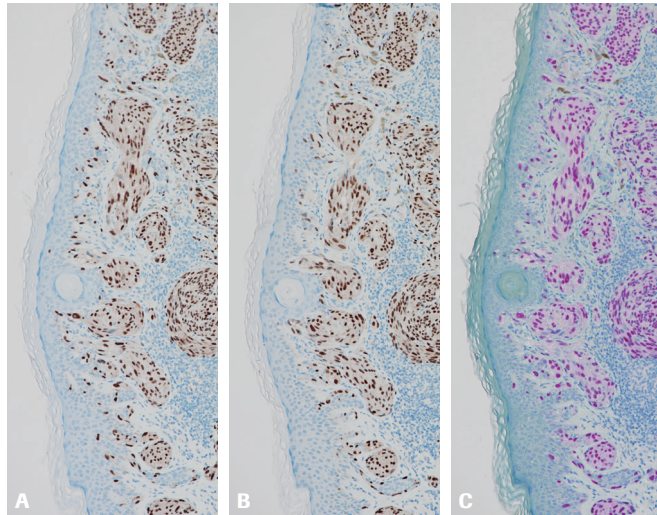
PRAME expression in formalin-fixed paraffin-embedded tissue is detected by immunohistochemistry and frequently demonstrates a diffuse nuclear immunostaining pattern in *in situ* and invasive melanoma. In contrast, the majority of benign melanocytic nevi lack nuclear PRAME staining.⁴

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 tumour 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 kit (Panel A), ultraView Universal DAB Detection (Panel B) and ultraView Universal Alkaline Phosphatase Red Detection kit (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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