

Spotlight On:

Nestin (10C2)

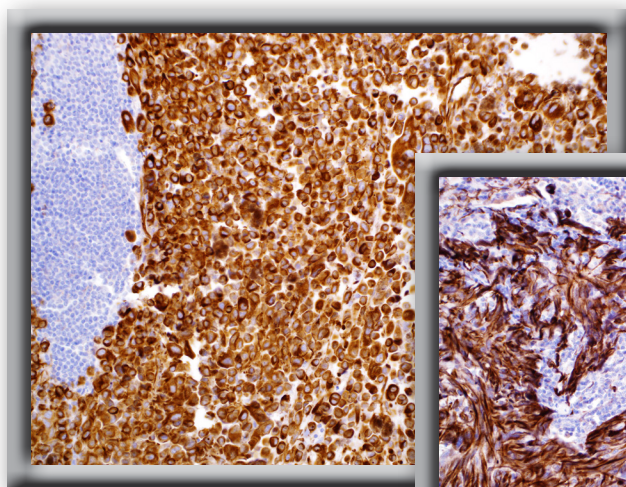
Anti-nestin may be used as a helpful tool in the diagnosis of melanoma. Anti-nestin is sensitive for melanomas, especially metastatic and desmoplastic melanomas, which are frequently HMB-45 negative. For these purposes, nestin can be used with SOX-10 and HMB-45 in melanoma panels.

Triple negative breast cancer is a subtype of carcinoma of the breast that is ER-, PR-, and Her2-. Included in these subtypes is basal-like breast carcinoma which has a worse prognosis than other breast carcinomas. Nestin is a recently identified

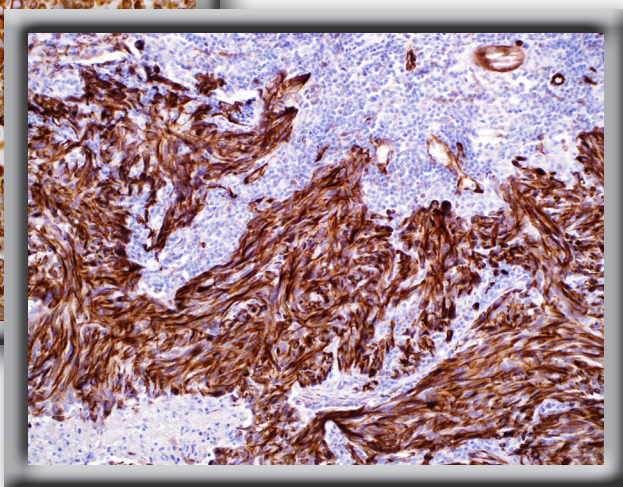
marker that can be used in the breast carcinoma panel due to its specificity for basal phenotype.

Benefits of Nestin:

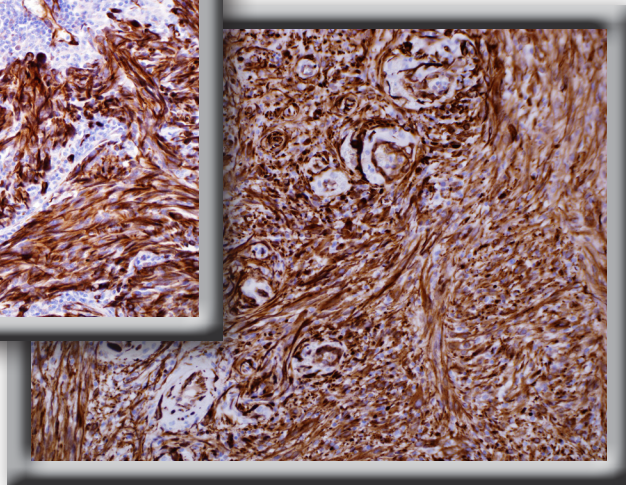
- For *in vitro* diagnostic use
- May stain positive in HMB-45 negative melanomas
- High expression in desmoplastic melanomas
- Detects basal-like breast carcinomas that are ER-, PR-, and Her2-



Anti-nestin antibody highlights the cutaneous melanoma cells.



Nestin is strongly expressed in the metastatic melanoma cells.



Nestin protein is expressed in glioblastoma cells. Vascular proliferation is also detected by endothelial staining of the nestin antibody; however, muscle cells are negative for nestin.

Ordering Information:

| | | | | | |
|------------------------------|---------|----------------------------|---------|-------------------------------------|---------|
| 0.1 ml concentrate | 388M-14 | 1 ml concentrate | 388M-16 | 7 ml predilute | 388M-18 |
| 0.5 ml concentrate | 388M-15 | 1 ml predilute | 388M-17 | 5 positive control slides | 388S |