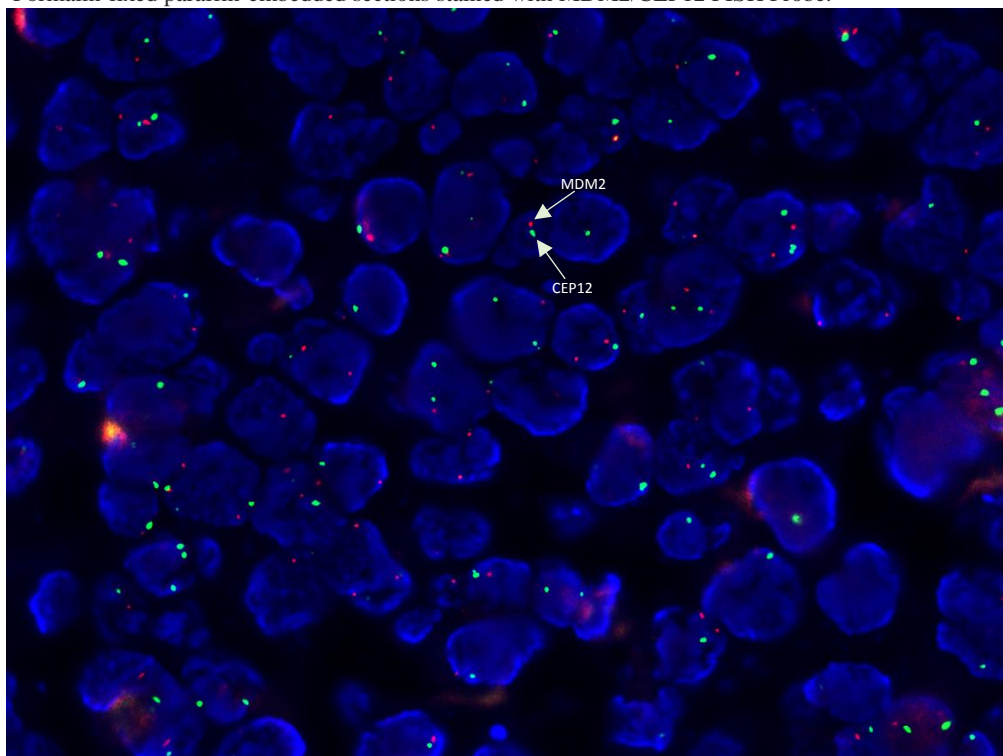


Formalin-fixed paraffin-embedded sections stained with MDM2/CEP12 FISH Probe.



| signal number of MDM2 and CEP12 in 100 interphase cells | | | | | | | |
|---|---------|------|--------|--------|---------|------|--------|
| Image# | Cell ID | MDM2 | CEP-12 | Image# | Cell ID | MDM2 | CEP-12 |
| 16-17098C2 | | 3 | 3 | | | 3 | 3 |
| | | 3 | 2 | | | 3 | 2 |
| | | 3 | 3 | | | 2 | 2 |
| | | 3 | 1 | | | 3 | 3 |
| | | 4 | 2 | | | 4 | 3 |
| | | 2 | 3 | | | 5 | 2 |
| | | 1 | 1 | | | 2 | 1 |
| | | 2 | 3 | | | 3 | 3 |
| | | 2 | 2 | | | 2 | 2 |
| | | 3 | 3 | | | 2 | 2 |
| | | 4 | 3 | | | 2 | 2 |
| | | 3 | 3 | | | 3 | 3 |
| | | 2 | 1 | | | 3 | 3 |
| | | 3 | 3 | | | 3 | 2 |
| | | 3 | 2 | | | 5 | 3 |
| | | 3 | 1 | | | 4 | 3 |
| | | 2 | 2 | | | 2 | 2 |
| | | 2 | 1 | | | 2 | 2 |
| | | 2 | 1 | | | 2 | 1 |
| | | 3 | 3 | | | 3 | 2 |

| | | | | | | | |
|-------------------------------|--|-------------|---|---------------------------------|--|------|---|
| | | 5 | 3 | | | 3 | 3 |
| | | 5 | 2 | | | 3 | 3 |
| | | 2 | 1 | | | 5 | 3 |
| | | 3 | 1 | | | 3 | 2 |
| | | 4 | 2 | | | 2 | 2 |
| | | 3 | 2 | | | 2 | 2 |
| | | 2 | 3 | | | 4 | 3 |
| | | 3 | 2 | | | 2 | 2 |
| | | 3 | 1 | | | 2 | 1 |
| | | 3 | 3 | | | 2 | 2 |
| | | 3 | 2 | | | 3 | 3 |
| | | 3 | 1 | | | 3 | 2 |
| | | 2 | 1 | | | 3 | 3 |
| | | 2 | 2 | | | 5 | 4 |
| | | 2 | 1 | | | 4 | 3 |
| | | 4 | 2 | | | 4 | 2 |
| | | 1 | 2 | | | 2 | 2 |
| | | 3 | 2 | | | 3 | 1 |
| | | 1 | 1 | | | 3 | 3 |
| | | 2 | 2 | | | 3 | 3 |
| | | 4 | 2 | | | 2 | 2 |
| | | 1 | 1 | | | 3 | 3 |
| | | 1 | 1 | | | 3 | 2 |
| | | 3 | 3 | | | 3 | 3 |
| | | 3 | 3 | | | 4 | 3 |
| | | 3 | 1 | | | 5 | 3 |
| | | 3 | 2 | | | 2 | 2 |
| | | 1 | 1 | | | 2 | 2 |
| | | 4 | 4 | | | 3 | 2 |
| | | 3 | 3 | | | 3 | 1 |
| | | | | | | | |
| | | | | | | | |
| Total number of MDM2 signals | | 284 | | Average number of MDM2 signals | | 2,84 | |
| Total number of CEP12 signals | | 218 | | Average number of CEP12 signals | | 2,18 | |
| Total Cell number | | 100 | | | | | |
| | | | | | | | |
| result | MDM2/CEP12= | 1,30 | | | | | |
| | | | | | | | |
| | MDM2/CEP12 ratio ≥ 2.0 means positive | | | | | | |

Approximately 100 interphase cells were evaluated with each probe set. MDM2/CEP12 ratio ≥ 2.0 of tumor nuclei showing amplification was considered positive. In terms of our sample, the ratio was 1.3, that means MDM2 amplification status was negative, lipogenesis histology can be excluded.