

**WM983BBR Non-Viable Cell Pellet - WM983BBR-03-Bulk**
**Code:** WM983BBR-03-Bulk

**Size:** 1 Each

**Product Description:** WM983BBR Non-Viable Cell Pellet - WM983BBR-03-Bulk

**PhysicalState:** Frozen Cell Pellet

|                               |   |
|-------------------------------|---|
| <b>Label</b>                  | Unconjugated  |
| <b>Buffer</b>                 | None  |
| <b>Stabilizer</b>             | None  |
| <b>Preservative</b>           | None  |
| <b>Storage Condition</b>      | Store vial at -70° C. For extended storage, aliquot contents to minimize freeze/thaw cycles.  |
| <b>Synonyms</b>               | Melanoma, patient derived tumor, tumor models, skin cancer, xenograft   |
| <b>Application Note</b>       | Frozen non-viable cell pellets can be used for in vitro experiments such as Western blotting and other immunoassays, genomic DNA isolation, STR profiling, and RNA isolation.   |
| <b>Background</b>             | Non-viable cell pellet was generated from cell line WM983BBR. WM983BBR is a human metastatic melanoma cell line that displays a mesenchymal morphology. The WM983BBR cell line contains the BRAF V600E mutation that causes increased signaling via the extracellular signal-regulated MAPK/ERK kinase pathways to enhance proliferation. WM983BBR is wild type for PTEN, N-ras, c-KIT, and CDK4. This cell line was derived from the same patient as the cell lines WM983A, WM983B, and WM983C. The WM983BBR cells produce xenograft tumors when injected into immunocompromised mice.   |
| <b>Purity And Specificity</b> | Bulk, (on demand); cells will be grown to requested amount. Cells will be grown sub-confluent in Tumor specialized media, trypsinized, flash frozen, and stored at -80°C.   |
| <b>Expiration</b>             | Expiration date is one (1) year from date of opening.   |
| <b>General Reference</b>      | Greshock J, Nathanson K, Martin AM, Zhang L, Coukos G, Weber BL, Zaks TZ. (2007) Cancer cell lines as genetic models of their parent histology: analyses based on array comparative genomic hybridization. <i>Cancer Res.</i> 2007 Apr 15; 67(8):3594-600. Barretina J, Caponigro G, Stransky N. (2012) The Cancer Cell Line Encyclopedia enables predictive modelling of anticancer drug sensitivity. <i>Nature</i> 2012 Mar 28; 483 (7391): 603-607. doi: 10.1038/nature11003. Lin WM, Baker AC, Beroukhi R. (2008) Modeling genomic diversity and tumor dependency in malignant melanoma. <i>Cancer Res.</i> 2008 Feb 1; 68(3): 664-673. Doi: 10.1158/0008-5472. |
| <b>Stage</b>                  | BRAF Resistant  |
| <b>BRAF</b>                   | V600E   |
| <b>PTEN</b>                   | ND  |
| <b>NRAS</b>                   | WT  |
| <b>CKIT</b>                   | WT  |
| <b>CDK4</b>                   | WT  |
| <b>Patient ID</b>             | 1050  |
| <b>Paired</b>                 | Yes   |
| <b>Cell Line Product Type</b> | Non-Viable Pellets  |
| <b>Cell Viability</b>         | No  |
| <b>Related Products</b>       |   |

|             |  |
|-------------|--|
| FBS-01-0100 | FETAL BOVINE SERUM, Certified, Heat Inactivated Origin: United States triple 0.1 micron filtered - FBS-01-0100 |
| MB-006      | 10X TE pH 7.5 (100 mM Tris HCl 10 mM EDTA) DEPC TREATED - MB-006   |
| MB-009-1000 | UltraPure Sterile Water - MB-009-1000  |
| MB-017      | 10X SDS-PAGE Running Gel Buffer (0.25 M Tris HCl, 1.92 M Glycine, 1.0% SDS pH 8.3) - MB-017                    |

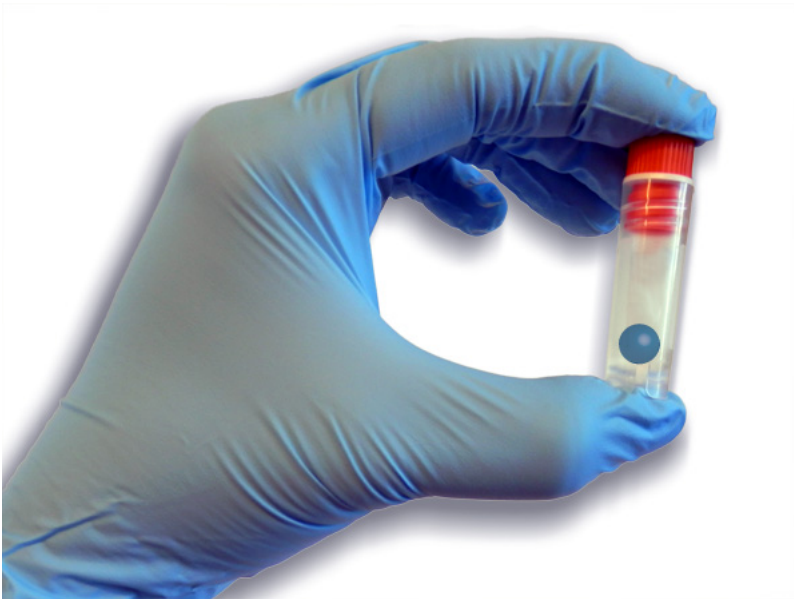
## Related Links

[Cell Line EULA](#)

## Images

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Human melanoma tumor cell pellets for assessment of proteins and their phosphorylation status



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