

# Human Cervix Tumor Lysate

**Cat. No.** Cervix-01HT    **Lot. No.** (See product label)

## SPECIFICATION

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b>   | Human Cervix Tumor Lysate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>            | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>             | Cervix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Lysate preparation</b> | Tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/mL of aprotinin, 5 µg/mL of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 × SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β-mercaptoethanol. |
| <b>Recommended Usage</b>  | Western blot-Load 5-20 µg/lane for testing with various antibodies. Heat at 95 centigrade for 2-5 minutes prior to loading on gels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>            | Store at 2-8 centigrade for continuous use. For extended storage, freeze working aliquots at -70 centigrade. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Buffer</b>     | Lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>      | 2 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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