

## Mouse 3T3 Balb Cell Lysate

|                                 |   |                  |        |
|---------------------------------|---|------------------|--------|
| <b>Catalog No.</b>              | PX305A  | <b>Quantity:</b> | 100 µg |
| <b>Description:</b>             | 3T3 (Balb) 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. Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The 3T3 lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 50 mM DTT. |                  |        |
| <b>Concentration:</b>           | 2.0 mg/ml   |                  |        |
| <b>Source:</b>                  | BALB/3T3 clone A31 (Mouse embryo)   |                  |        |
| <b>Formulation:</b>             | 3T3 (Balb) lysate is supplied in SDS sample buffer containing 50 mM DTT.  |                  |        |
| <b>Applications:</b>            | Western blot  |                  |        |
| <b>Application Notes:</b>       | <b>Centrifuge vial before use.</b> Lysate is ready to load on SDS -PAGE for Western blotting. 20 µg per lane is recommended for a mini gel. The optimal concentration should be determined for each specific application.   |                  |        |
| <b>Storage &amp; Stability:</b> | Store at 2-8°C for 6 months of continuous use. Store in working aliquots at -80°C for up to 1 year. <b>Avoid repeated freeze-thaw cycles.</b>   |                  |        |

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

