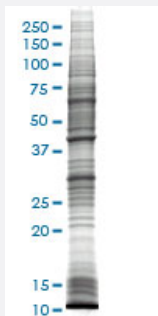


# Rat spleen tissue lysate (denatured)

Catalog # L042W1      Size 200 ug

## Applications



## Specification

<b>Product Description</b>	Whole tissue lysate (denatured).
<b>Tissue</b>	Spleen
<b>Host</b>	Rat
<b>Preparation Method</b>	Tissue lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer with cocktail of protease inhibitors (Sigma). Cell debris was removed by centrifugation. Protein concentration was determined with Bradford assay (Bio-Rad protein assay, Microplate Standard assay). The lysate was adjusted to 3.75 mg/ml, and then mixed with 5X Sample Buffer to become final 3 mg/ml in 1X Sample Buffer. The lysate was heated at 95°C for 5 min, and cooled rapidly.
<b>Lysis Buffer</b>	Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Recommend Usage</b>	The lysate is ready to load on SDS-PAGE for Western blotting.
<b>Storage Buffer</b>	In ready-to-use 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue).
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot