

# K-562 whole cell lysate ab7911

## 1 References

### 製品の概要

製品名	K-562 whole cell lysate
特記事項	Cell line: K562 (Human Chronic Myelogenous Leukemia). Growth media: RPMI and 10% NCS (Newborn calf serum).
	K562 cell 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 flouride, 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 cell lysate was boiled for 5 min in 1 x SDS sample buffer (0.045 M Tris-HCl pH 6.8, 10% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue), containing 0.05 M DTT.
アプリケーション	適用あり: WB

### 製品の特性

Mycoplasma free	Yes
製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Constituent: 100% SDS Sample Buffer
ライゼート 備考	K562 cell 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 flouride, 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 cell lysate was boiled for 5 minutes in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 50mM DTT.
背景	K-562 is an erythroleukemia cell line derived from a chronic myeloid leukemia patient in blast crisis. Recent studies have shown the K562 blasts are multipotential, hematopoietic malignant cells that spontaneously differentiate into recognisable progenitors of the erythrocyte, granulocyte and monocytic series. Cells are also used for haemoglobin synthesis, antitumour testing, tumorigenicity, differentiation, pharmacodynamics, cloning, cytotoxicity, cell biology, cellular

effects of hyperthermia, and natural killer assays.

## アプリケーション

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アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. K562 cell lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

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