abcam

Product datasheet

10X RIPA Buffer ab156034

2 Abreviews 67 References 1 Image

Overview

Product name	10X RIPA Buffer
Tested applications	**Suitable for:** WB, ELISA, SDS-PAGE, IP
General notes	Abcam's 10X RIPA lysis buffer is an efficient means of cell lysis and protein solubilization for both adherent and suspension cultured mammalian cells. This reagent effectively extracts cytoplasmic, nuclear and membrane proteins. It is compatible with many downstream applications, including SDS-PAGE, Western blot, immunoprecipitation, ELISA and BCA assays. Preparation: Dilute to 1X in deionized water Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances. It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

Properties

Form	Liquid
Storage instructions	Shipped at Room Temperature. Store at Room Temperature.
Storage buffer	pH: 7.50 Constituents: 0.22% Beta glycerophosphate, 0.18% Sodium orthovanadate, 5% Sodium deoxycholate, 0.38% EGTA, 1% Sodium lauryl sulfate, 6.1% Tris, 0.29% EDTA, 8.8% Sodium chloride, 1.12% Sodium pyrophosphate decahydrate, 10% Nonylphenol, ethoxylated

Applications

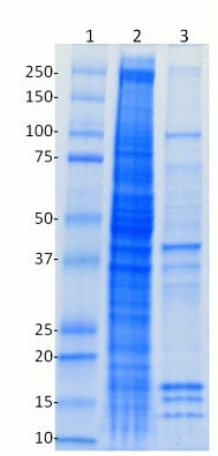
The Abpromise guarantee Our Abpromise guarantee covers the use of ab156034 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Suggested working concentration: 1X

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. Suggested working concentration: 1X
SDS-PAGE		Use at an assay dependent concentration. Suggested working concentration: 1X
IP		Use at an assay dependent concentration. Suggested working concentration: 1X

Images



SDS-PAGE - 10X RIPA Buffer (ab156034)

HeLa cell extraction using ab156034.
2.5 million HeLa cells were lysed on ice for 15 minutes with 0.5 mL of 1X ab156034. Next the sample was centrifuged at 14,000 rpm at 4ºC for 15 minutes: the supernatant (= cleared lysate) was removed and the pellet (= insoluble material) was resuspended in 0.5 mL lysis buffer and solubilized by sonication. Equivalent loads of the cleared lysate and solubilized pellet were analyzed by SDS-PAGE and Coomassie stain.
BCA protein concentration determination of the soluble and insoluble material indicates that a total of 1.1mg of protein was recovered and 82% was in the soluble cleared cell lysate.

Lane 1: MW marker
Lane 2: Cleared lysate
Lane 3: Non-soluble

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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