10X RIPA Buffer  **ab156034**

**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.

**Properties**

**Form** Liquid

**Storage instructions** Store at +4°C.

**Storage buffer** pH: 7.50

Constituents: 0.22% Beta glycerophosphate, 10% Tergitol-NP40, 0.18% Sodium orthovanadate, 5% Sodium deoxycholate, 0.38% EGTA, 1% SDS, 6.1% Tris, 0.29% EDTA, 8.8% Sodium chloride, 1.12% Sodium pyrophosphate decahydrate

**Applications**

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.

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**Images**
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

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