

# Anti-X-box binding protein 1 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 1878**

## Aliases

XPB1; X-Box Binding Protein 1; XPB2; Tax-Responsive Element-Binding Protein 5; X-Box-Binding Protein 1; TREB-5; TREB5; XPB-1

## Background

Gene Name: XPB1

NCBI Gene Entry: [7494](#)

UniProt Entry: [P17861](#)

## Application Information

Molecular Weight: Predicted, 29 kDa; observed, 29 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB4840

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

## Immunogen

A synthesized peptide derived from human XPB1

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Immunocytochemistry (IC): 1:100-1:1,000

Flow Cytometry (FCM): 1:2,000

**Note:** This product is for research use only.

## Validation Data

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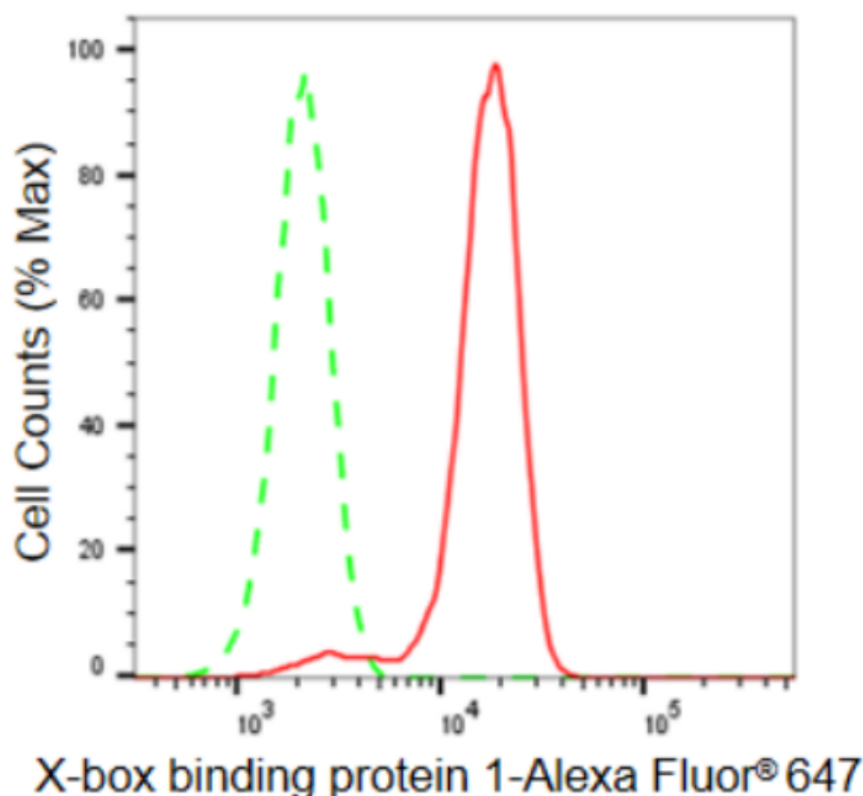
### SUPPORT

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### ORDERS

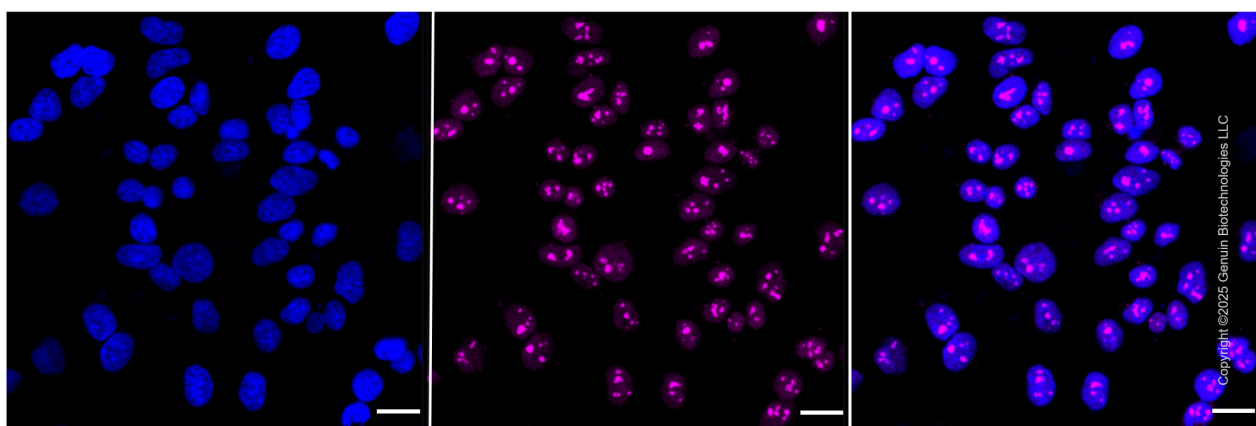
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Flow cytometric analysis of X-box binding protein 1 expression in HeLa cells using X-box binding protein 1 antibody (Cat#1878, 1:2,000). Green, isotype control; red, X-box binding protein 1.



Immunocytochemical staining of HeLa cells with anti-X-box binding protein 1 antibody (Cat#1878, 1:1,000). Nuclei were stained blue with DAPI; X-box binding protein 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20  $\mu$ m.

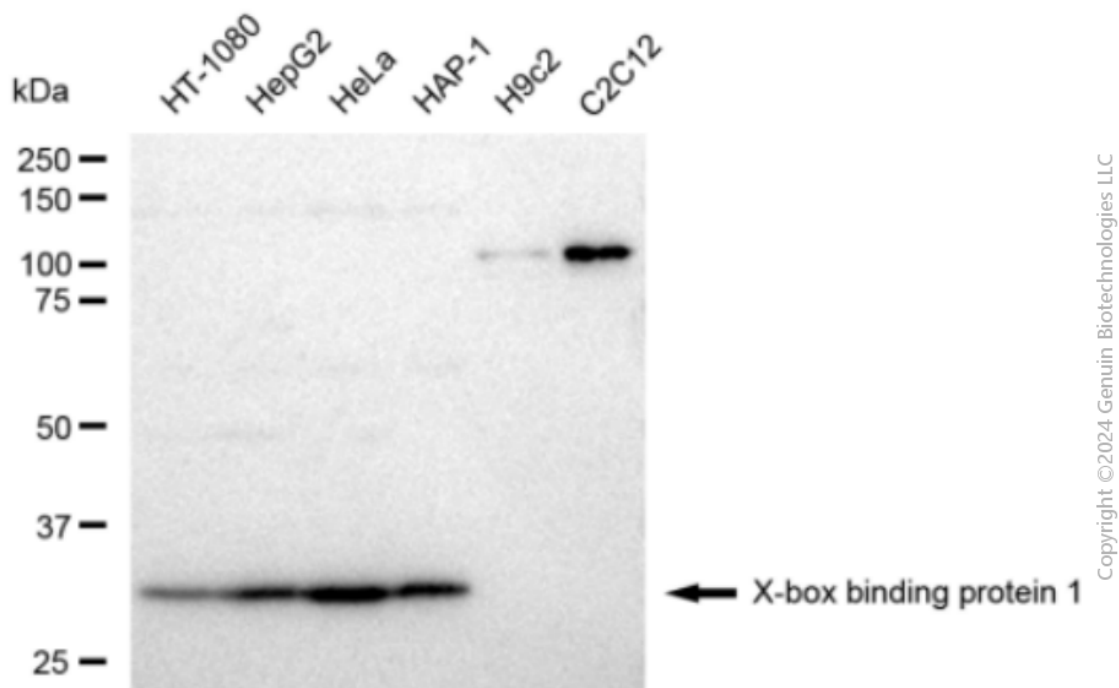
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Western blotting analysis using anti-X-box binding protein 1 antibody (Cat#1878). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-X-box binding protein 1 antibody (Cat#1878, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).