

# Anti-Homeobox B4 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2233**

## Aliases

HOXB4; Homeobox B4; HOX2F; Homeobox Protein Hox-2.6; Homeobox Protein Hox-B4; Homeobox Protein Hox-2F; Homeo Box B4; HOX2; Homeo Box 2F; HOX-2.6

## Background

Gene Name: HOXB4

NCBI Gene Entry: [3214](#)

UniProt Entry: [P17483](#)

## Application Information

Molecular Weight: Predicted, 28 kDa; observed, 34 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB6620

Species Reactivity: Human, rat

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

## Immunogen

A synthesized peptide derived from human HOXB4

## 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

Flow Cytometry (FCM): 1:2,000

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

## Validation Data

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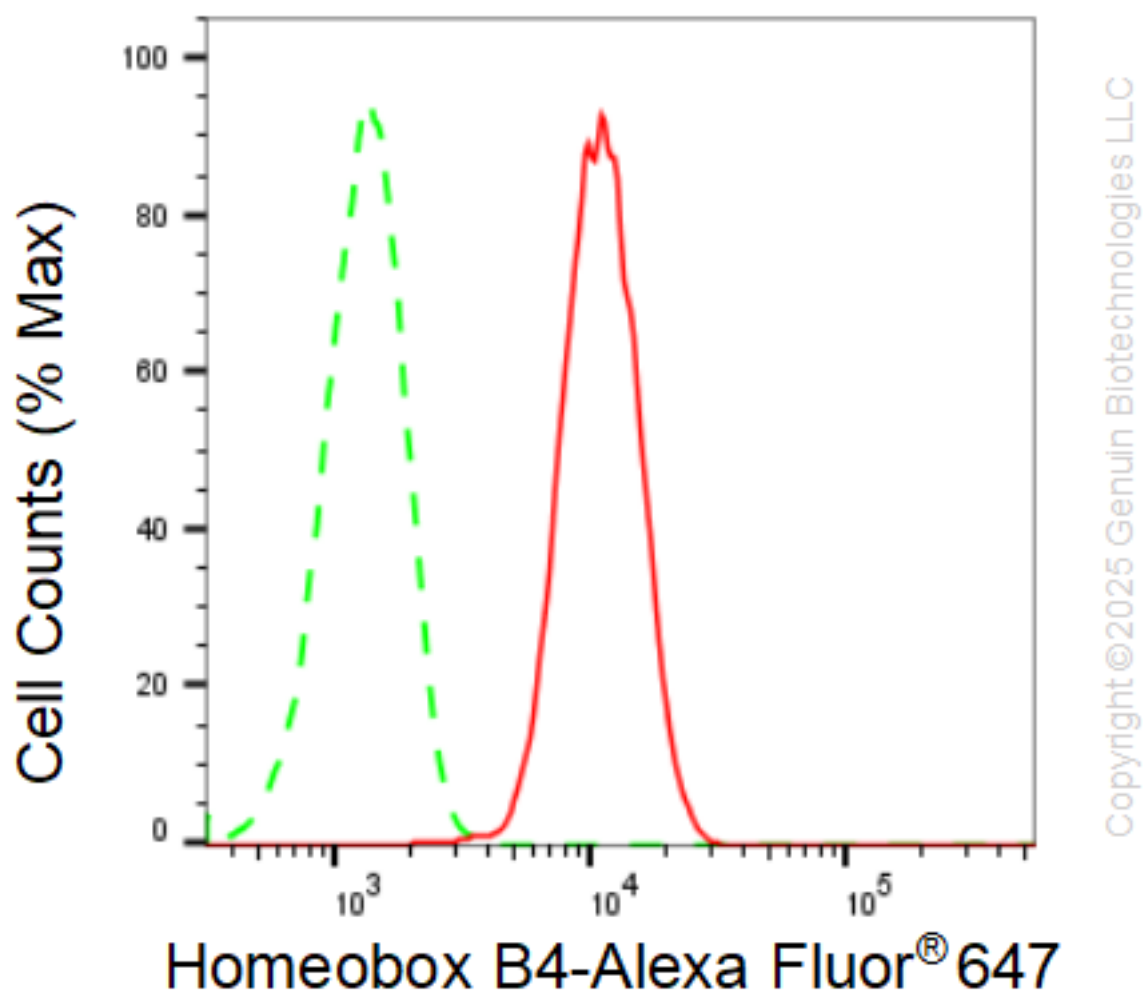
### SUPPORT

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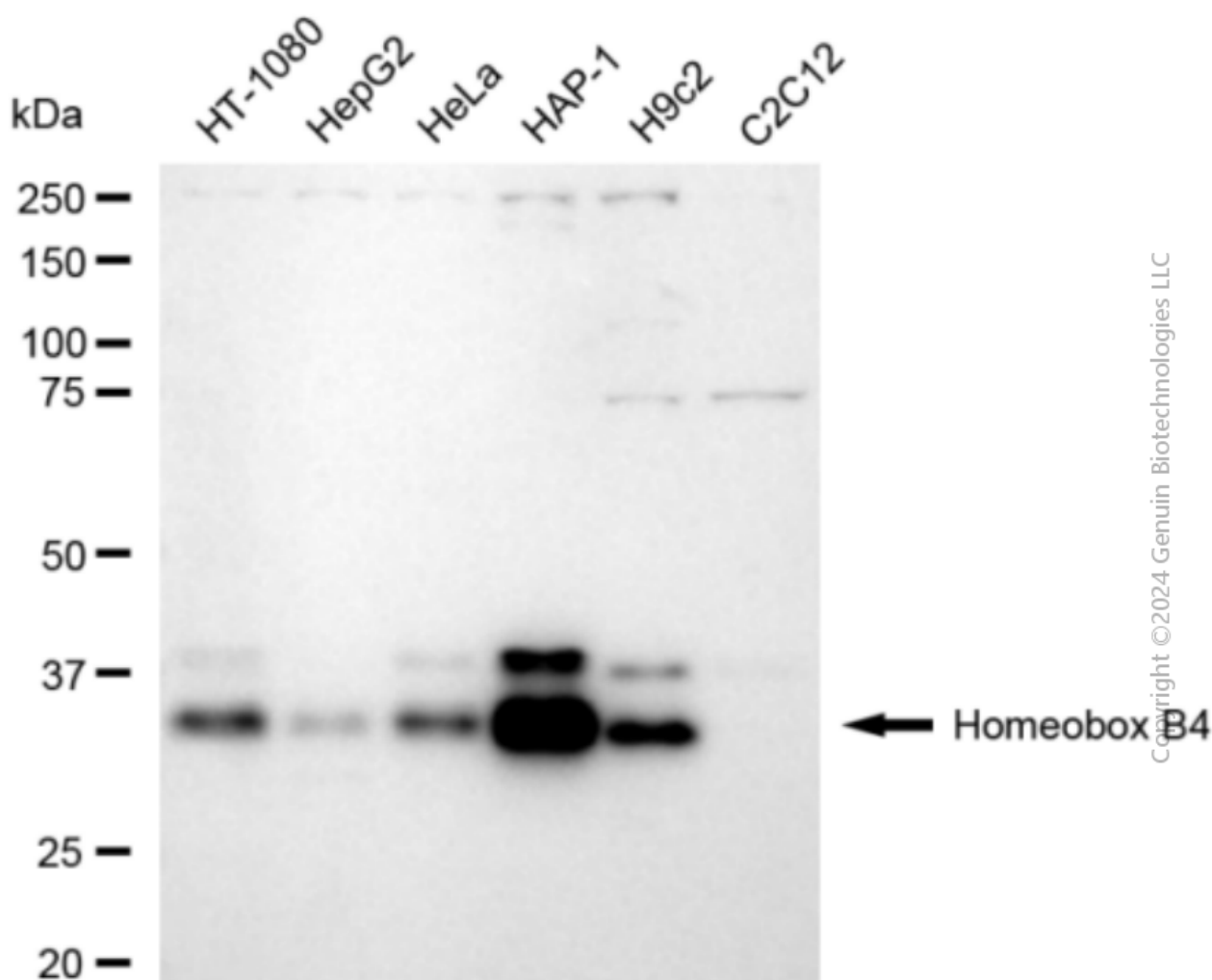
### ORDERS

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Flow cytometric analysis of Homeobox B4 expression in HAP-1 cells using anti-Homeobox B4 antibody (Cat#2233, 1:2,000). Green, isotype control; red, Homeobox B4.



Western blotting analysis using anti-Homeobox B4 antibody (Cat#2233). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Homeobox B4 antibody (Cat#2233, 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).