

**Catalog #: 2235** 

#### **Aliases**

HHEX; Hematopoietically Expressed Homeobox; HEX; HOX11L-PEN; PRHX; Hematopoietically-Expressed Homeobox Protein HHEX; Proline-Rich Homeodomain Protein; Homeobox Protein HEX; Homeobox Protein PRH; PRH; Proline-Rich Homeodomain-Containing Transcription Factor; Homeobox, Hematopoietically Expressed; HMPH

### **Background**

Gene Name: HHEX NCBI Gene Entry: 3087 UniProt Entry: Q03014

## **Application Information**

Molecular Weight: Predicted, 30 kDa; observed, 30 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB6630

Species Reactivity: Human

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

#### **Immunogen**

A synthesized peptide derived from human Hex

#### **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**

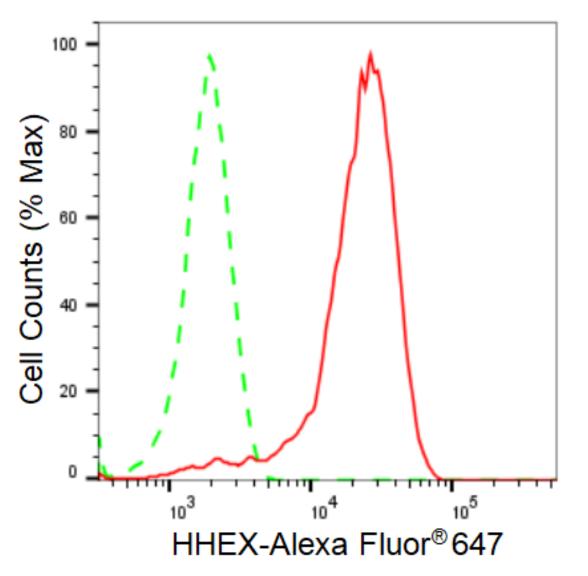
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

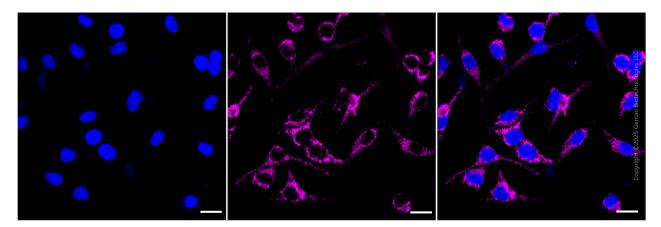
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

#### **Validation Data**

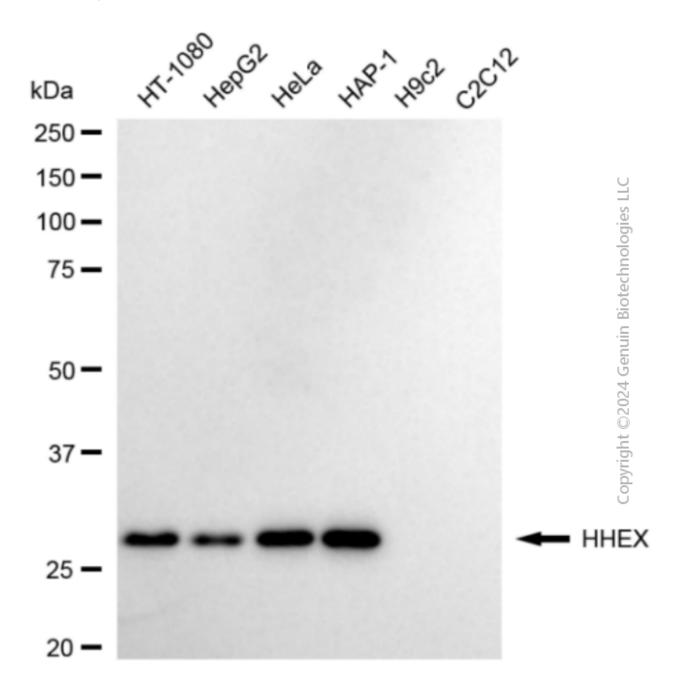


Flow cytometric analysis of HHEX expression in HeLa cells using anti-HHEX antibody (Cat#2235, 1 □ 2000). Green, isotype control; red, HHEX.



Immunocytochemical staining of HeLa cells with anti-HHEX antibody (Cat#2235, 1:1,000) . Nuclei were stained blue with DAPI; HHEX was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar,  $20~\mu m$ .

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Western blotting analysis using anti-HHEX antibody (Cat#2235). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HHEX antibody (Cat#2235, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ<sup>TM</sup> ECL Substrate Kit (Cat#226).