

## Catalog #: 5136

## Aliases

H2BK1; H2B.K Variant Histone 1; H2BE1; H2B.E Variant Histone 1; Histone H2B Type 2-K1; Histone H2B Type 2-E1; Novel Histone H2B-Like Protein

## Background

Gene Name: H2BK1

NCBI Gene Entry: [114483833](#)

UniProt Entry: [A0A2R8Y619](#)

## Application Information

Molecular Weight: Predicted, 13 kDa; observed, 17 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB15895

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB)

## Immunogen

A synthesized peptide derived from human H2BK1

## Isotype

Mouse IgG1

## 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): 1:500-1:2,500

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

## Validation Data

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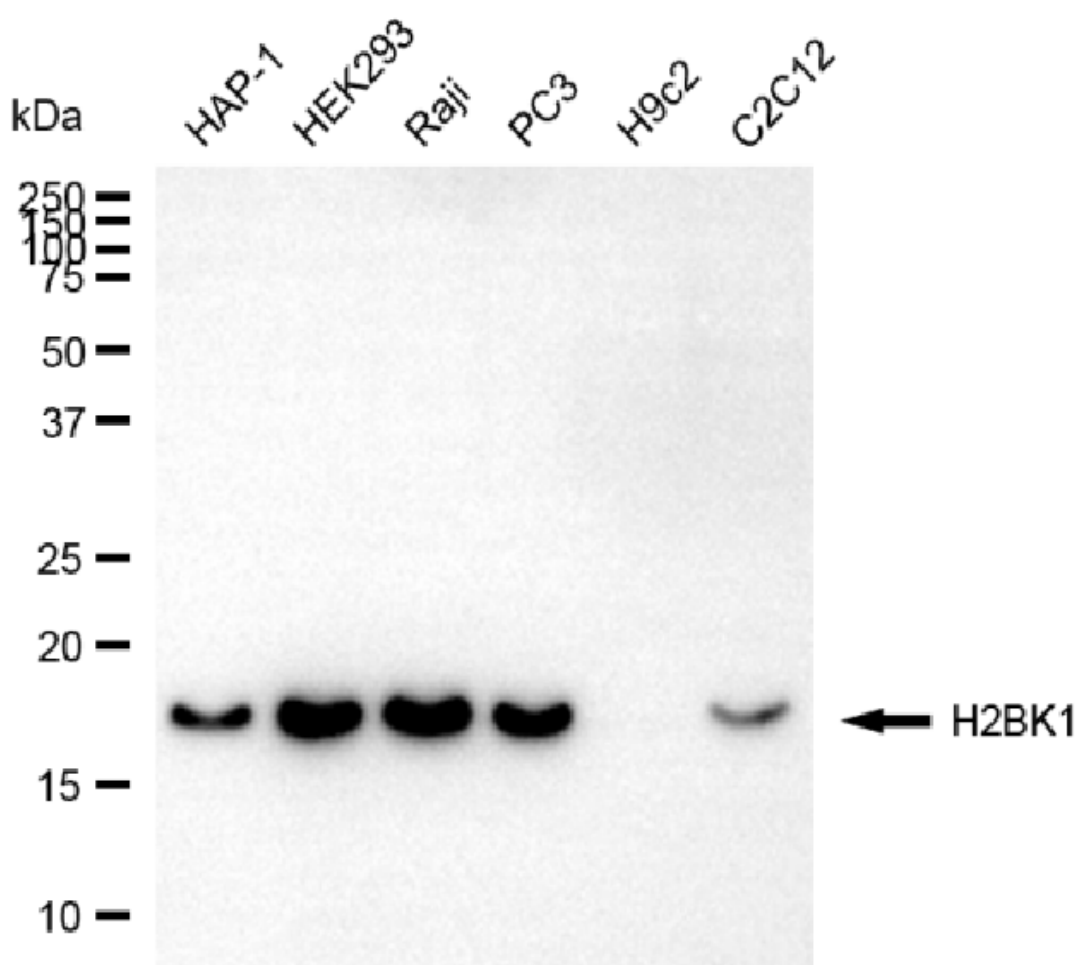
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Western blotting analysis using anti-H2BK1 antibody (Cat#5136). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-H2BK1 antibody (Cat#5136, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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