

# BCOR Monoclonal antibody

Catalog Number: 68611-1-Ig

## Basic Information

**Catalog Number:**

68611-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG33785

**GenBank Accession Number:**

BC009675

**GeneID (NCBI):**

54880

**UNIPROT ID:**

Q6W2J9

**Full Name:**

BCL6 co-repressor

**Calculated MW:**

1703 aa, 186 kDa

**Observed MW:**

186-200 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1F12H6

**Recommended Dilutions:**

WB 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, mouse

**Positive Controls:**

**WB :** HeLa cells, SW480 cells, HEK-293 cells, RAW 264.7 cells, MCF-7 cells, Jurkat cells, MOLT-4 cells

## Background Information

BCOR, a corepressor of BCL6, binds to transcriptional factors and specifically inhibits gene expression. BCOR plays a key role in the early embryonic development, mesenchymal stem cell function and hematopoiesis. BCOR can associate with HDACs, the polycomb group protein, polycomb group Ring finger protein1/nervous system polycomb1 (PCGF1/NSPC1), histone demethylase, F-box- and leucine-rich repeat protein10(FBXL10). Via repression of TFAP2A acts as a negative regulator of osteo-dentogenic capacity in adult stem.

## Storage

**Storage:**

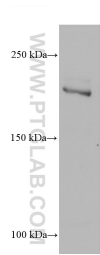
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

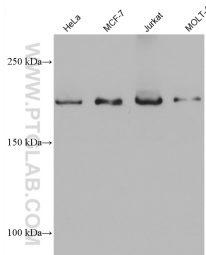
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

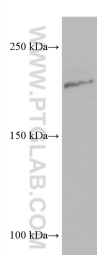
Selected Validation Data



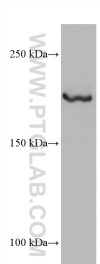
Various lysates were subjected to SDS PAGE followed by western blot with 68611-1-Ig (BCOR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 68611-1-Ig (BCOR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 68611-1-Ig (BCOR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.