

# Phospho-BRD4-S1083 Rabbit mAb

Catalog No.: AP1235 **Recombinant**

## Basic Information

**Observed MW**

200kDa

**Calculated MW**

152kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human

**CloneNo number**

ARC5019-01

## Background

The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described.

## Recommended Dilutions

WB 1:100 - 1:500

## Immunogen Information

**Gene ID**

23476

**Swiss Prot**

O60885

**Immunogen**

A synthetic phosphorylated peptide around S1083 of human BRD4 (NP\_490597.1).

**Synonyms**

CAP; MCAP; HUNK1; HUNKI; FSHRG4; Phospho-BRD4-S1083

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

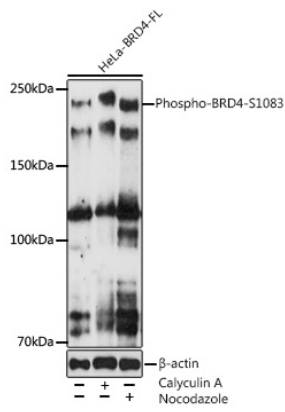
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using Phospho-BRD4-S1083 Rabbit mAb (AP1235) at 1:500 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight. HeLa cells were treated by nocodazole (50 ng/ml) at 37°C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 300s.